

AD-A113 225 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(1)
DEC 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
DEC 81

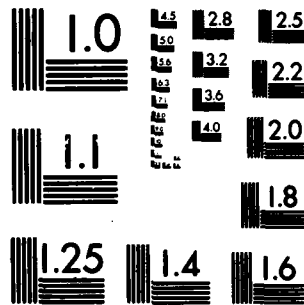
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MICROCOPY RESOLUTION TEST CHART
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PHOTOGRAPH THIS SHEET

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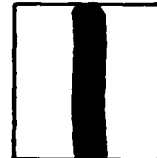
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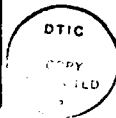
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

THULE AB GL WBAN #17605
N 76 32 W 68 45 FLD ELEV 251 FT BCIL WMC #04202

PARTS A-F
POR FROM HOURLY OBS: JUN 69 - DEC 70, JAN 73 - MAY 81
POR FROM DAILY OBS: NOV 51 - MAY 81
TIME CONVERSION GMT TO LST: -4

DEC 18 1981

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

ADE 850 14,

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations. (Selected from record-special, record, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

In each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Instructions are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations with similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

Summary sheets requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
17605	THULE AB GREENLAND	N 76 32	W 068 45	251	BGTL	04202

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Thule AB Greenland	AB	Jan 52	Mar 55	N 76 33	W 068 48	261	193 ft	24
2	Same	Same	Apr 55	Mar 58	Same	Same	251	Same	24
3	Same	Same	Apr 58	Dec 76	N 76 32	W 068 45	Same	Same	24
4	Same	Same	Jan 77	Dec 79	Same	Same	Same	Same	24
5	Same	Same	Jan 80	Mar 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 52	Located on roof of weather station	AN/GMQ-1	Esterline	30 ft	
2	Apr 54	1. Located in the forecasting section 2. Located in the observing section	Same	Same	15 ft	
3	Apr 55	1. Located on roof of weather station 2. Located in the observing section	AN/GMQ-1	RO-2	19 ft	
4	Nov 55	1. Located 2000 ft S-SW of weather station, adjacent to main runway.	AN/GMQ-1	Same	19 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17005 THULE AB GL 70,73-81 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02				17.2		17.2	.3		4.6		4.9	930
	03-05				12.5		12.5	.5		5.2		5.7	930
	06-08		.2	.1	15.4		15.6	.9		5.6		6.7	930
	09-11		.3		16.1		16.5	1.2		5.7		6.9	930
	12-14		.3		17.1		17.4	.9	.1	5.3		6.6	930
	15-17		.1		17.5		17.5	.9		6.1		7.0	930
	18-20				18.8		18.8	.9	.1	6.0		7.0	930
	21-23				18.3		18.3	1.0		5.8		6.8	930
TOTALS			.1	.0	16.6		16.7	.6	.0	5.6		6.5	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

17603 STATION THULE AB GL STATION NAME 70,73-81 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		.1		16.0		16.1	1.1		2.3		3.9	946
	03-05				14.3		14.3	.9		1.7		2.6	946
	06-08		.2		14.2		14.4	.6		2.8		3.4	946
	09-11		.1		14.4		14.4	1.2		3.0		4.1	846
	12-14				13.0		13.0	1.7	.1	3.7		5.4	946
	15-17				13.5		13.5	.8	.1	4.7	.1	5.8	846
	18-20				14.5		14.5	1.1		5.0		6.0	946
	21-23				16.1		16.1	.5		4.7		5.2	946
TOTALS			.1		14.5		14.5	1.0	.0	3.6	.0	4.6	6768

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

17015 THULE AB GL 70,73-81 MAP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAP	00-02				15.2		15.2	.1		4.4		4.5	930
	03-05				16.1		16.1			4.2		4.2	930
	06-08		.2		17.6		17.8	.3		4.1		4.4	930
	09-11				16.5		16.5	.3	.1	4.0		4.4	929
	12-14		.1		13.7		13.8	.9		5.3		5.6	929
	15-17				14.3		14.3			5.3		5.3	930
	18-20				13.3		13.3	1.0		4.7		5.7	929
	21-23				13.1		13.1	.8	.1	4.3		5.2	930
TOTALS			.0		15.0		15.0	.4	.0	4.5		4.9	7437

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

1980 STATION THULE AB GL STATION NAME 70,73-81 YEARS APP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APP	00-02				17.6		17.6	1.1		3.3		4.4	900
	03-05				17.4		17.4	1.0		4.0		5.0	900
	06-08				18.0		18.0	1.2		4.1		5.3	900
	09-11				19.0		19.0	1.0		3.4		4.4	900
	12-14		.2		18.0		18.1	1.1	.1	2.7		3.9	900
	15-17		.1		16.4		16.6	1.1	.2	4.2		5.4	900
	18-20		.1	.1	16.2		16.4	.8		3.9	.1	4.8	900
	21-23				17.2		17.2	1.4	.1	3.6		5.1	900
TOTALS			.1	.0	17.5		17.5	1.1	.1	3.7	.0	4.8	7200

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1
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17-10 STATION THULE AB GL STATION NAME 70,73-81 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		.1		17.6		17.7	3.4		1.2		4.4	930
	03-05				17.3		17.3	4.5		1.2		5.5	930
	06-08		.2		19.0		19.2	3.9		1.3		5.2	930
	09-11		.1		15.8		15.9	2.9		.9		3.8	930
	12-14				13.4		13.4	2.6		1.8		4.4	930
	15-17		.1		15.1		15.2	2.2		1.8		4.0	929
	18-20		.1		16.7		16.8	2.3		1.3	.1	3.7	928
	21-23		.1		15.9		16.0	3.4		.9		4.3	924
TOTALS			.1		16.4		16.4	3.2		1.3	.0	4.4	7431

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION THULE AB GL STATION NAME 69-70,73-80 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		1.7		11.2		12.4	14.4		.5		14.9	812
	03-05		2.1		13.3		14.8	12.5		1.1	.1	13.9	813
	06-08		1.8		14.3	.1	15.6	13.0		1.5	.1	14.6	813
	09-11		2.6		12.0		14.1	9.0	.1	1.3	.1	10.7	810
	12-14		2.1		10.2	.1	11.8	6.8		.9		7.6	812
	15-17		2.5		8.7		10.2	7.0		.9		7.9	812
	18-20		3.2		10.5		12.3	7.6		.2	.1	8.0	812
	21-23		2.8		10.8		12.1	10.9		.2		11.2	816
TOTALS			2.4		11.4	.3	12.9	10.2	.0	.9	.1	11.1	6500

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17815 THULE AB GL 69-70,73-80 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		11.7		2.5		13.0	13.1		.3	.3	13.8	929
	03-05		13.2		3.5		15.1	14.3		.3	.3	14.9	930
	06-08		11.5		4.0		13.7	13.0		.4	.4	13.9	930
	09-11		12.0		4.1		13.9	10.9	.1	.3	1.0	12.3	930
	12-14		11.5		3.2		13.7	9.2	.3		1.1	10.6	930
	15-17		12.9		3.0		14.0	6.2	.3	.1	.9	7.5	930
	18-20		13.4		2.5		14.1	7.7	.3	.3		8.4	930
	21-23		12.7		2.9		13.8	11.2	.2	.3		11.7	930
TOTALS			12.4		3.2		13.9	10.7	.2	.3	.5	11.6	7439

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

WEATHER CONDITIONS

19675 THULE AB GL 69-70, 73-80 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	01-02		9.4		4.5		12.9	11.5	.4		.2	12.2	930
	03-05		11.4	.1	4.8		15.3	11.9	.2	.4		12.6	930
	06-08		8.7		4.9		12.4	10.2	.5	.6	.3	11.7	930
	09-11		7.1		4.8		11.6	6.3	.6	.6		7.6	930
	12-14		8.3		5.4		12.5	4.4	.2	.5	.1	5.3	930
	15-17		6.8		5.9		10.9	4.7	.3	.2	.2	5.5	930
	18-20		8.3		6.1		13.0	6.0	.8			6.8	930
	21-23		10.0		5.4		14.0	9.4	.4			9.8	930
TOTALS			8.2	.0	5.2		12.8	8.1	.4	.3	.1	8.9	7440

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0
2
1
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17805 THULE AB GL 69-70, 73-80 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.2		13.9		14.7	1.4		1.9	.1	3.4	900
	03-05		.9		13.4		13.9	1.4		1.4	.1	3.0	900
	06-08		.8		14.2		14.7	1.7	.1	1.1	.3	3.2	900
	09-11		1.7		13.3		14.6	.4		1.0	.3	1.8	900
	12-14		1.4		14.0		15.1	.7	.1	.3	.2	1.8	900
	15-17		1.6		15.0		16.0	1.2	.1	1.0	.1	2.4	900
	18-20		1.4		12.9		13.9	1.6		1.5		3.1	900
	21-23		1.7		13.2		14.6	1.3		1.8		3.1	900
TOTALS			1.3		13.7		14.7	1.2	.0	1.3	.1	2.7	7200

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

1969 THULE AB GL 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		.4		20.0		20.0	.8		3.7		4.4	928
	03-05				20.0		20.0	.6		3.7		4.3	930
	06-08		.1		19.9		19.9	.8		3.3		4.1	930
	09-11				20.5		20.5	.9		2.2		3.0	930
	12-14				21.2		21.2	.3	.2	2.3		2.8	930
	15-17		.4		20.2		20.5	.3		2.5		2.8	929
	18-20		.3		18.9		19.2	.6		4.2		4.8	930
	21-23		.4		22.7		22.8	.4		4.8		5.3	930
TOTALS			.2		20.4		20.5	.6	.0	3.3		3.9	7437

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

WEATHER CONDITIONS

17005
STATION

THULE A3 GL

STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-03		.2		20.1		20.4		.1	5.6		5.7	899
	03-06		.1		18.1		18.2			6.1		6.1	900
	06-09				18.4		18.4			5.1		5.1	900
	09-11				17.7		17.7			4.9		4.9	900
	12-14				16.9		16.9			5.3		5.3	900
	15-17		.2		17.4		17.6			6.2		6.2	900
	18-20		.1		20.4		20.4	.2		5.2		5.4	900
	21-23				23.7		23.7	.3		6.3		6.7	900
TOTALS			.1		19.1		19.2	.1	.6	5.6		5.7	7199

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1
2
1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

176.5 THULE AB GL 69-70, 73-80 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		.5		13.1		18.1	.3	.1	5.5		5.7	930
	03-05		.5		18.7		18.7	.3	.1	4.6		5.1	930
	06-08		.3		20.2		20.2	.3		5.1		5.4	930
	09-11		.3		19.8		19.8	.6		5.4		6.0	930
	12-14		.3		21.6		21.8	.2		5.9		6.1	930
	15-17		.3		20.5		20.9			5.3		5.3	930
	18-20		.4	.1	21.4		21.5	.1		5.0		5.1	929
	21-23		.2		19.9		19.9	.1		6.4		6.5	926
TOTALS			.4	.0	20.0		20.1	.2	.0	5.4		5.7	7435

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2
1
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
41 WEATHER SERVICE/MAC

WEATHER CONDITIONS

17000 STATION THULE A3 GL STATION NAME 69-70,73-81 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.1	.0	16.6		16.7	.0	.0	5.6		6.5	7447
FEB			.1		14.5		14.5	1.0	.0	3.6	.0	4.6	6768
MAR			.0		15.0		15.0	.4	.0	4.5		4.9	7437
APR			.1	.0	17.5		17.5	1.1	.1	3.7	.0	4.8	7200
MAY			.1		16.4		16.4	3.2		1.3	.0	4.4	7431
JUN			2.4		11.4	.0	12.9	10.2	.0	.9	.1	11.1	6500
JUL			12.4		3.2		13.9	10.7	.2	.3	.5	11.6	7439
AUG			8.8	.0	5.2		12.8	8.1	.4	.3	.1	8.9	7440
SEP			1.3		13.7		14.7	1.2	.0	1.3	.1	2.7	7200
OCT			.2		20.4		20.5	.6	.0	3.3		3.9	7437
NOV			.1		19.1		19.2	.1	.0	5.6		5.7	7199
DEC			.4	.0	20.0		20.1	.2	.0	5.4		5.7	7435
TOTALS			2.2	.0	14.4	.0	16.2	3.1	.1	3.0	.1	6.2	86926

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

17005 THULE AB GL 51-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		.3		51.5		51.8	11.3	.4	25.7		34.3	930
FEB			.1		50.1		50.2	13.1	.6	25.3		34.6	847
MAR			.5		46.3		46.3	13.2	1.1	16.6		27.9	929
APR			.1	.1	43.2		43.2	11.4	.2	13.3		22.9	900
MAY			1.9	.2	55.4		56.1	21.9	.8	6.3		27.6	930
JUN			13.2	.1	38.2		44.4	41.0	.2	2.1		42.7	869
JUL			36.2		12.1	.1	40.2	42.8	.3	.2		43.3	899
AUG			35.9	.3	16.1	.1	43.6	32.9	1.9	.8		34.5	899
SEP			10.6	.7	48.0		52.5	12.0		6.1	.1	17.6	869
OCT			1.2	.2	61.2		61.4	6.7	.1	17.1		22.6	898
NOV			.4		57.6		57.8	5.9	.4	20.3		25.2	898
DEC			.3	.1	53.8		53.8	8.1	.4	19.7		26.8	929
TOTALS			8.4	.1	44.5	.0	50.1	18.4	.5	12.8	.0	30.0	10797

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

17605 THULE AB GL

51-81

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	48.3	31.6	5.7	8.9	3.9	1.1	.4		.1					20.1	930	.37	2.61	TRACE
FEB	49.9	31.3	4.7	9.6	1.8	1.8	.8	.1						19.8	844	.33	1.91	TRACE
MAR	52.5	31.6	5.4	7.1	1.8	1.3	.2							15.9	927	.21	.71	TRACE
APR	56.2	27.7	6.0	6.9	1.6	1.0	.6							16.0	898	.21	.79	TRACE
MAY	44.9	34.6	5.3	9.6	2.4	2.8	.4		.1					20.6	927	.35	1.18	.01
JUN	56.1	33.8	2.9	4.2	1.5	1.4	.1		.1					10.1	867	.19	1.12	TRACE
JUL	59.8	19.8	2.9	7.3	4.1	4.1	1.6	.2	.1					20.4	899	.69	3.07	.05
AUG	56.5	21.7	3.9	9.0	3.6	3.3	1.1	.9						21.8	899	.70	3.22	.02
SEP	47.2	28.7	5.3	9.3	4.7	3.8	.8	.1	.1					24.2	869	.53	2.48	.02
OCT	40.5	29.8	6.8	13.7	4.3	3.8	.9	.2						29.8	897	.59	1.41	.07
NOV	41.9	33.9	6.8	10.8	2.8	2.9	.8	.1						24.1	899	.42	1.09	.03
DEC	46.2	30.9	6.5	11.2	3.2	1.2	.5	.2						22.8	928	.38	2.43	TRACE
ANNUAL	50.0	29.6	5.2	9.0	3.0	2.4	.7	.1	.0					20.4	10784	4.97		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

17605

THULE AB GL

51-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51											.11	.05	
52	.06	.44	.13	.01	.01	.08	.45	.10	.39	.04	.20	.05	.45
53	.50	.11	.06	.03	.08	.02	.20	.38	.07	.13	.28	.08	.50
54	.07*	.04	.12	.08	.07	.30	.10	.02	.15*	.05	.08	.06	.30
55	.13	.17	TRACE	.06	.29	.22	.08	.98	.04	.32	.28	.03	.98
56	.03	.03	.04	.08	.05	.02	.29	.80	.14	.25	.05	.02	.80
57	.01	.03	.04	TRACE	.03	TRACE	1.95	.17	1.27	.58	.28	.09	1.95
58	.50	.49	.04	.03	.03	.05	.03	.05	.11	.44	.41	.12	.50
59	.06	.04	.08	.28	.04	1.10	.40	.09	.17	.25	.06	.09	1.10
60	.10	.18	.33	.03	.08	.08	.28	.04	.33	.16	.18	.04	.33
61	.07	TRACE	.07	.05	.13	.12	.27	.21	.14	.08	.07	.06	.27
62	.05	TRACE	.37	.34	.21	TRACE	.17	.27	.15	.10	.08	.06	.37
63	.49	.28	.06	.04	.12	.03	.40	.48	.20	.11	.27	.06	.49
64	1.72*	.32*	.06*	.14	.20*	.02	.28	.32	.32	.24	.04	.16	1.72
65	.12	.93	.16	.10	.12*	.23	.22	.09	.18	.36	.24	.08	.93
66	.18	.06	.02	.08*	.12	.16	.08	.24	.12	.26	.02	.06	.26
67	.10	.04	.20	.16	.32	.20	.28	.04	.05	.18	.17	.41	.41
68	.03	.29	.01	.08*	1.05	.02	.14	.03	.63	.10	.09	.14	* 1.05
69	.08	.12	.13	.12	.06	.16	.20	.60	.13	.13	.61	.08	.61
70	TRACE	.30	.04	.33	.18	.06	.19	.12	.12	.06	.36	.65	.65
71	.09	.04	.10	.16	.08	.05	.22	.70	.14	.03	.16	.08	.70
72	.14*	.03	.12	.08	.11	TRACE	.12	.30	.10	.29	.03*TRACE		.30
73	.10	.03	.07	.28	.22	.04	.35	.56	.50	.12	.07	.90	.90
74	.06	.14*	.08	.14	.15	.04	.12	.06	.06	.10*	.06	.04	.15
75	.08	TRACE	.03	.17	.05	.21	.07	.15	.21	.54	.02	.07	.54
76	.04	.04	.01	.03	.45	.01	.05	.05	.08	.07	.03	.15	.45
77	.20	.12	.22	.03	.22	.05	.05	.06*	.18	.30	.16	.10	.30
78	.09	.04	.01	.06	.02	.02	.90	1.00	.02	.18	.03	.05	1.00
79	.08	.06	.20	.05	.02	TRACE	.09	.20	.05	.10	.05	.04	.20
80	.09	.04	.04	.20	.21	.10	.10	.10	.07	.10	.20	.02	.21
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(FROM DAILY OBSERVATIONS)

51-81

STATION

STATION NAME

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

17605

THULE AB GL

51-61

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51											.24	.13	
52	.14	.54	.17	.05	.01	.11	.52	.31	.85	.07	.47	.28	3.52
53	.76	.29	.13	.04	.10	.02	.42	.86	.32	.70	.99	.17	4.80
54	.36*	.14	.47	.15	.29	.42	.30	.02	.42*	.19	.24	.17	* 3.17
55	.13	.29	TRACE	.16	.82	.31	.15	1.63	.05	1.16	.64	.09	5.43
56	.08	.08	.07	.12	.13	.02	.73	1.42	.18	.65	.17	.08	3.73
57	.01	.12	.08	TRACE	.05	TRACE	3.07	.29	2.48	1.41	.62	.26	8.39
58	1.36	1.56	.10	.08	.11	.07	.05	.08	.35	1.22	.75	.59	6.02
59	.15	.10	.15	.29	.06	1.12	.70	.16	.52	.68	.21	.26	4.40
60	.23	.24	.57	.09	.26	.15	.67	.11	.67	.37	.92	.14	4.42
61	.16	TRACE	.10	.18	.39	.60	.61	.64	.57	.22	.16	.22	3.85
62	.17	TRACE	.41	.56	.52	TRACE	.20	1.04	.54	.48	.33	.21	4.46
63	1.07	.75	.11	.15	.32	.10	1.19	1.37	.65	.40	.48	.26	6.85
64	2.61*	.98*	.18*	.29	.45*	.06	1.23	.59	.67	.73	.22	.48	* 8.49
65	.44	1.91	.56	.29	.58*	.61	.99	.19	.69	.99	.48	.18	* 7.91
66	.50	.24	.10	.17*	.24	.31	.08	1.81	.28	.83	.03	.17	* 4.76
67	.14	.12	.24	.21	1.08	.21	1.15	.13	.19	.72	.97	1.32	6.49
68	.07	.43	.03	.28*	1.18	.05	.32	.03	.91	.39	.38	.56	* 4.63
69	.27	.42	.41	.21	.39	.56	.87	.74	.20	.37	1.09	.19	5.72
70	TRACE	.40	.10	.79	.33	.09	.72	.21	.22	.34	.71	2.43	6.34
71	.19	.16	.14	.23	.15	.05	.23	1.57	.42	.11	.25	.09	3.59
72	.39*	.03	.29	.09	.35	TRACE	.33	.99	.27	.68	.09*	TRACE	* 3.51
73	.22	.03	.21	.39	.48	.04	.95	.84	1.77	.44	.14	1.49	7.00
74	.12	.38*	.12	.36	.95	.08	.34	.20	.11	.42*	.09	.22	* 3.39
75	.10	TRACE	.06	.21	.10	.42	.32	.58	.73	1.32	.04	.19	4.07
76	.15	.07	.02	.09	.72	.01	.32	.13	.37	.19	.20	.34	2.61
77	.34	.26	.55	.09	.44	.11	.09	1.10*	.61	.76	.60	.32	* 4.27
78	.34	.17	.02	.28	.02	.03	2.60	3.22	.02	.64	.04	.17	7.55
79	.29	.18	.71	.19	.02	TRACE	.39	.50	.14	.22	.21	.11	2.96
80	.34	.07	.12	.42	.43	.12	.54	.48	.16	.13	.56	.03	3.40
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL
STATION STATION NAME

51-81

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

17605

THULE AB GL

51-81

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	48.1	30.9	14.3	5.7	.3	.4		.2		.1				21.1	930	3.7	25.8	TRACE
FEB	49.3	31.5	13.9	3.6	.7	.5	.2	.4						19.2	844	3.2	16.9	TRACE
MAR	52.1	32.0	11.5	3.5	.6	.1	.1							15.9	927	2.1	7.1	TRACE
APR	56.1	27.8	11.7	3.4	.3	.6	.1							16.1	899	2.2	8.2	TRACE
MAY	44.3	34.8	13.5	5.7	1.1	.3		.2	.1					20.9	928	3.9	14.9	.2
JUN	61.9	31.4	4.9	1.4	.3									6.7	869	.8	4.3	TRACE
JUL	87.7	8.7	2.1	1.3	.2									3.7	899	.6	6.3	.0
AUG	83.8	12.5	2.0	1.4	.3									3.8	899	.7	4.6	.0
SEP	52.0	28.2	11.0	7.0	1.2	.1	.1	.2	.1					19.8	869	3.8	10.5	.2
OCT	39.4	29.7	19.3	7.8	2.3	.8	.3	.3	.1					31.0	897	6.5	14.7	.7
NOV	41.4	33.6	16.2	6.6	1.1	.8	.2			.1				25.0	899	4.7	22.6	.3
DEC	46.0	31.5	15.0	5.9	.8	.5	.1	.1	.1					22.5	928	3.8	24.4	TRACE
ANNUAL	55.2	27.7	11.3	4.4	.8	.3	.1	.1	.0	.0				17.1	10788	36.0		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL

51-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51											1.3	.5	
52	1.1	3.3	1.0	1.0	.3	TRACE	TRACE	TRACE	1.2	.4	2.5	5.0	5.0
53	1.2	1.1	.6	.3	.8	.2	TRACE	TRACE	.7	1.3	2.9	.8	2.9
54	.7*	.4	1.2	.8	.7	.3	TRACE	.0	1.5*	.5	.8	.6	1.5
55	1.3	1.7	TRACE	.6	2.9	TRACE	TRACE	TRACE	.3	3.2	3.0	.3	3.2
56	.3	.3	.4	.8	.5	TRACE	TRACE	.3	1.7	4.0	.5	.2	4.0
57	.1	.3	.6	TRACE	.5	TRACE	.0	.0	3.0	5.8	2.8	.9	5.8
58	2.6	5.0	.4	.3	.3	.5	.0	TRACE	7.1	6.7	4.4	1.2	7.1
59	.6	.4	.8	2.8	.4	.4	.0	.0	1.7	2.5	.6	.9	2.8
60	1.0	1.8	3.0	.3	.8	.2	.0	TRACE	1.0	1.6	1.8	.4	3.0
61	.7	TRACE	.7	.5	3.0	.5	.1	.1	1.4	.8	.7	.6	3.0
62	.5	TRACE	3.7	3.4	2.1	TRACE	TRACE	1.0	1.5	1.0	.8	.6	3.7
63	4.9	2.8	.6	.4	1.2	.1	TRACE	TRACE	2.0	1.1	2.7	.6	4.9
64	15.0*	3.7*	.4*	1.4	.7*	.1	1.4	2.3	4.6	2.6	.7	.9	15.0
65	1.2	6.1	1.9	1.6	.9	1.7	1.8	.7	2.0	3.5	2.1	.8	6.1
66	1.4	.6	.2	1.2*	1.2	.9	.8	.0	.4	2.0	.2	.5	2.0
67	.5	.5	.5	.5	3.0	2.0	1.0	.2	.8	2.0	2.0	4.1	4.1
68	.2	2.8	.1	.8	2.1	.2	.1	TRACE	1.1	1.1	.9	1.4	2.8
69	.8	1.2	1.3	1.2	.6	1.6	.2	TRACE	3.5	1.5	14.5	.8	14.5
70	TRACE	3.0	.4	3.5	9.3	.6	TRACE	.7	2.4	1.5	3.6	6.5	9.3
71	.9	.4	1.5	2.6	1.3	TRACE	1.5	2.2	1.4	.2	1.5	.8	2.6
72	3.3*	.8	1.3	.7	1.9	TRACE	TRACE	.1	1.4	5.0	.3*	TRACE	5.0
73	3.1	.4	.7	2.8	2.2	TRACE	1.4	TRACE	5.0	1.2	.7	1.5	5.0
74	.6	1.4*	.8	1.4	1.5	.4	.2	TRACE	.6	1.0*	.6	.4	1.5
75	.8	TRACE	.3	1.7	.5	TRACE	.0	1.5	2.1	5.4	.2	.7	5.4
76	.4	.4	.1	.3	4.5	.1	TRACE	.3	.5	.7	.3	2.5	4.5
77	3.0	1.2	2.2	.3	2.2	.5	TRACE	TRACE*	1.8	3.0	1.6	1.0	3.0
78	.9	.4	.1	.6	.2	.2	.0	TRACE	.2	1.8	.3	.5	1.8
79	.8	.6	2.0	.5	.2	TRACE	.7	1.2	.5	1.0	.5	.4	2.0
80	.9	.4	.4	2.0	2.1	1.0	TRACE	.2	.7	1.0	2.0	.2	2.1
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

51-81

STATION

STATION NAME

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL

51-81

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51											2.5	1.6	
52	3.0	4.5	1.4	2.3	.5	TRACE	TRACE	TRACE	4.1	.7	5.8	12.5	34.8
53	4.2	2.9	1.3	.4	1.0	.2	TRACE	TRACE	3.2	7.0	10.0	1.7	31.9
54	3.6*	1.4	4.7	1.5	2.9	.3	TRACE	.0	2.3*	1.9	2.4	1.7	* 22.7
55	1.3	2.9	TRACE	1.6	8.2	TRACE	TRACE	TRACE	.4	11.4	6.6	.9	* 33.3
56	.8	.8	.7	1.2	1.3	TRACE	TRACE	.3	1.7	9.6	1.8	.8	19.0
57	.1	1.8	1.8	TRACE	.9	TRACE	.0	.0	4.1	14.5	5.9	3.1	32.2
58	8.5	16.6	1.0	.8	1.1	.7	.0	TRACE	10.5	14.7	7.8	5.9	67.6
59	1.6	1.0	1.5	2.9	.6	.6	.0	.0	5.2	6.8	2.1	2.6	24.9
60	2.3	2.4	5.7	.9	2.7	.6	.0	TRACE	3.1	3.7	9.2	1.4	32.0
61	1.6	TRACE	1.0	1.8	6.5	1.3	.1	.1	4.5	2.2	1.6	2.2	22.9
62	1.7	TRACE	4.1	5.6	5.2	TRACE	TRACE	3.3	4.7	4.8	3.3	2.1	34.8
63	10.7	7.5	1.1	1.5	2.8	.1	TRACE	TRACE	6.2	4.0	4.7	2.6	41.2
64	25.8*	9.1*	1.9*	3.5	2.7*	.3	3.6	4.6	7.5	7.9	2.6	4.4	* 73.9
65	4.6	16.9	5.4	3.1	4.1	4.1	6.3	.8	5.7	10.7	3.7	2.1	67.5
66	4.6	2.1	1.2	1.9*	2.5	3.6	.8	.0	.5	11.9	.3	1.6	* 31.0
67	.9	1.0	.9	1.1	8.7	2.1	1.2	.3	2.3	7.3	9.9	12.5	48.2
68	.6	4.3	.2	2.8	4.0	.2	.1	TRACE	3.9	4.2	3.8	5.7	29.8
69	2.7	4.2	4.1	2.1	3.9	4.3	.2	TRACE	4.3	4.6	22.6	2.0	55.0
70	TRACE	4.0	.9	8.2	14.9	.9	TRACE	1.7	3.3	5.0	7.1	24.4	70.4
71	2.0	2.0	2.0	4.3	2.7	TRACE	1.5	3.5	2.7	.8	2.4	.9	24.8
72	6.9*	.8	3.0	.9	5.1	TRACE	TRACE	.1	2.4	9.2	1.1*	TRACE	* 29.5
73	4.5	.4	2.1	3.9	4.8	TRACE	2.1	TRACE	10.0	3.7	1.5	3.3	36.3
74	1.2	3.8*	1.2	3.6	9.5	.7	.2	TRACE	1.1	4.2*	.9	2.2	* 28.6
75	1.0	TRACE	.6	2.1	.7	TRACE	.0	2.0	7.3	13.2	.4	1.9	29.2
76	1.5	.7	.2	.9	8.1	.1	TRACE	.6	2.2	1.9	2.0	4.4	22.6
77	4.4	2.6	5.5	.9	4.4	1.0	TRACE	TRACE*	6.1	7.6	6.0	3.2	* 41.7
78	3.4	1.7	.2	2.8	.2	.2	.0	TRACE	.2	6.4	.4	1.1	16.6
79	2.9	1.8	7.1	1.9	.2	TRACE	1.3	2.8	1.4	2.2	2.1	1.1	24.8
80	3.4	.7	1.2	4.2	4.3	1.2	TRACE	.2	1.6	1.3	5.6	.3	24.0
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

17635
STATION

THULE AB GL

STATION NAME

51-81

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

17605 THULE AB GL

51-81

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-03	06-10	11-23	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-8.4	8.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN			4.2	2.9	5.2	18.8	36.3	29.7	2.9					100.0	930			
FEB		.1	3.3	3.3	.5	20.0	33.1	31.4	8.2					99.9	843			
MAR			2.2	6.5	2.9	17.3	34.0	27.2	8.2	1.8				100.0	927			
APR			2.4	9.0	3.8	20.0	34.1	21.7	8.9					100.0	898			
MAY	10.8	1.5	11.8	9.1	6.0	14.3	32.7	9.9	3.9					87.7	930			
JUN	74.5	7.0	7.5	2.8	2.2	3.2	2.2	.6						18.5	866			
JUL	99.7		.2	.1										.3	899			
AUG	97.6	1.4	.9	.1										1.0	899			
SEP	53.7	12.3	15.1	6.0	5.0	7.0	.9							34.0	862			
OCT	5.7	8.0	14.2	12.7	12.1	29.1	17.0	1.9						86.9	895			
NOV	.9	.3	4.8	7.6	10.5	38.2	26.6	11.2						98.8	899			
DEC			3.4	7.1	5.9	28.3	34.4	20.8						100.0	928			
ANNUAL	28.5	2.5	5.8	5.6	4.5	16.3	20.9	12.9	2.7	.1				68.9	10776			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL

51-81

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51											3	2	
52	3	8	8	2	2	0	0	0	2	1	6	4	8
53	7	7	5	3	1	1	0	0	1	4	12	11	12
54	13*	13	14	14	4	0	0	0	2*	7	10	12	14
55	13	14	12	9	11	1	0	0	TRACE	4	6	6	14
56	5	5	6	6	4	TRACE	0	TRACE	1	6	6	5	6
57	6	6	6	6	2	0	0	0	1	9	9	11	11
58	16	20	18	12	12	3	0	0	7	10	10	11	20
59	12	11	10	9	5	TRACE	0	0	4	10	13	16	16
60	18	20	24	26	16	4	0	0	3	7	20	21	26
61	23	7	7	9	12	7	0	0	3	5	7	9	23
62	11	11	15	18	15	0	0	1	4	9	12	13	18
63	24	32	32	27	18	4	0	0	3	5	7	7	32
64	14*	15*	8*	8	10*	4	0	2*	7	10	11	11	15
65	20	35	39	31	15*	0	0	1	5	12	9	10	39
66	11	11	11	11	11*	2	0	0*	1	6	4	5	11
67	6	7	7	6	8	3	0	0*	1*	4	14	22	22
68	20	22	22	14	12	8	0	0*	7	9	6	10	22
69	13	18	22	20	12	1	0	0	4	4	22	7	22
70	6	10	3	8	12	3	0	1	3	3	6	23	23
71	26	12	12	13	12	3	0	TRACE	2	3	3	8	26
72	14*	27	29	31	28	10	0	1	1	11	7*	5	31
73	9	8	9	11	13	1	2	0	7	8	12	15	15
74	16	20*	21	25	30	13	0	0	1	5*	6	8	30
75	10	10	10	11	13	0	0	1	4	15	15	17	17
76	19	20	20	21	29	5	0	0	1	2	5	11	29
77	16	18	24	25	24	20	0	TRACE*	5	12	16	21	25
78	27	28	22	10	7	0	0	0	TRACE	7	5	3	28
79	4	5	8	6	3	0	0	0	TRACE	2	4	4	8
80	2	1	3	7	10	1	0	0	1	1	6	1	10
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL
STATION STATION NAME

51-81

YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM 0-88-5 (OL A)
JUL 64

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

17605

THULE AB GL

54-60, 62-81

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
54												SE 48	
55	SSE	52SE	*57SSE	52S	41ESE	51SE	50SSE	52SE	74E	*76	SE	*27ESE	41
56	SE	73SE	55SSE	49ESE	50SE	35SSE	*31				ESE	46ESE	51
57	ESE	67ESE	62E	89SSE	36SE	43E	53E	62E	45NNE	63SE	49SE	50S	31
58	SSE	58ESE	70SSE	38SE	65SE	68E	42E	59E	17NNW	32NE	45ESE	48SSE	46
59	SSE	58SSE	63SE	34ESE	58SE	30SE	32SE	25SE	31ENE	68NE	50ESE	50SE	36
60	ESE	81ESE	66ESE	90SE	54NNW	*27SE	28ESE	47E	*33SE	34E	*43SE	43ESE	28
62	SE	39SE	65ESE	35SSW	30ESE	52SSE	39E	58ESE	58ENE	72SE	42ESE	60ESE	70
63	SE	70SSE	69SE	68SE	45SE	34SE	34ESE	43E	50SE	44E	38S	65N	48
64	E	67SSW	60SE	60SSE	*65SSE	26SE	*51ESE	64ESE	*45E	*53SE	39SSE	*39SSE	*50
65	SE	80W	*77SSW	50SSW	35S	50SE	37ENE	46E	64ESE	55SE	40ENE	58ESE	46
66	E	63SE	51SE	34SE	50WSW	48SE	50E	40E	*53SE	59SE	36S	49SE	57
67	SE	52SW	50SSW	*53ESE	84SSW	60SE	27E	58ESE	49SW	49SE	46ESE	49SE	70
68	SE	40ESE	50SE	49ESE	55ESE	48ESE	4614/	4112/	4710/	6611/	57 8/	5310/	47
69	22/	5212/	5014/	4414/	3213/	44 2/	3114/	3110/	3612*	4316/	2415/	5414/	39
70	15/	5820/	6314/	5614/	6413/	3711/	5011/	4412/	5816/	4614/	6015/	8013/	70
71	2/	3614/	3914/	3616/	4012/	6413/	6313/	5715/	6411/	52 7/	5211/	3212/	83
72	10/	7014/	8112/	9623/	5713/	3413/	5015/	2613/	3911/	48 7/	4413/	49 4/	37
73	13/	5717/	3211/	7615/	3114/	5412/	4912/	6214/	6714/	40 4/	54 4/	2213/	40
74	16/	3013/	2513/	3812/	3514/	4110/	5814/	4114/	5212/	4411/	4111/	4213/	30
75	10/	43 7/	44 1/	4413/	5514/	2910/	51 7/	50 7/	6713/	46 8/	4513/	4112/	44
76	14/	7413/	5412/	6014/	3816/	6214/	4012/	4913/	3812/	7613/	4316/	36 8/	58
77	13/	6613/	4713/	6412/	54 6/	3813/	50 7/	2713/	2713/	6611/	58 9/	48 7/	71
78	9/	5011/	4010/	32 9/	45 7/	4514/	3811/	6013/	4216/	3312/	4013/	6313/	65
79	12/	6613/	5013/	7112/	6515/	3613/	3710/	53 8/	5313/	2514/	4015/	5415/	47
80	15/	6214/	62 9/	6011/	38 7/	44 3/	4511/	7013/	5613/	4313/	4213/	4613/	49
81	11/	5013/	5612/	3512/	4911/	55							
MEAN	58.4	54.2	54.4	47.1	44.7	43.4	48.5	49.2	50.5	44.8	49.5	50.1	73.4
S.D.	13.227	12.565	18.901	14.132	11.369	9.403	12.366	14.577	14.180	8.252	11.743	14.543	9.301
TOTAL OBS	834	750	827	802	828	767	768	750	690	704	720	798	9018

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70.73-61 STATION NAME 70.73-61 YEARS 1960-1960 MONTH JAN
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	4.1
NNE	.1	.5	.6									1.2	6.3
NE		1.4	2.3	.3								3.8	7.6
ENE	.5	3.5	2.3	.2	.1	.1						6.5	6.7
E	5.1	20.0	16.7	1.3	.3	.4	.2					45.1	6.5
ESE	1.4	5.5	7.2	.9	.4	.5	.4	.1				18.5	8.4
SE	.4	.2	1.7	.5	.4	1.2	.5	.6		.1		6.5	16.5
SSE	.4	.3	.5	1.1	.8	.8	.3	.1				4.3	10.2
S	.3	.4	.3	.1	.1							1.3	7.2
SSW		.5	.1	.1		.1						.9	8.4
SW	.4	.2										.6	3.0
WSW	.3	.2	.1	.1								.6	5.3
W	.5	.2	.2	.3								1.3	6.6
WNW		.1	.1									.2	7.5
NW	.3											.3	2.3
NNW	.2	.1										.3	3.3
VARBL	1.9	1.3										3.2	3.3
CALM												7.5	
	13.1	34.7	31.9	4.9	2.2	3.1	1.5	.9		.1		100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 932

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AFB STATION NAME 70.73-81 YEARS JAN
CLASS ALL WEATHER MONTH 1950-1950
CONDITION 100-2500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.3									.5	6.5
NNE	.1	.5	.4	.1								1.2	6.5
NE	.5	1.1	1.8	.3								3.6	7.6
ENE	.6	2.7	2.7	.1		.3						3.6	7.1
E	6.2	20.1	17.7	1.1	.3	.4	.3					4.2	6.5
ESE	.8	5.4	6.5	1.0	.2	1.1	.4					13.9	5.5
SE	.3	1.4	1.1	1.3	1.1	.4	.2	.4	.1			6.7	14.4
SSE	.3	.4	.9	.5	.3	1.2	.4	.1				4.2	16.7
S	.5	.1	.1	.1	.3							1.2	6.5
SSW	.1	.2										.3	3.7
SW	.1	.2										.3	4.7
WSW	.1	.3	.1	.1								.6	5.7
W	.1	.6	.4	.3								1.5	7.5
WNW	.1	.1										.2	3.5
NW													
NNW	.1											.1	2.5
VARBL	1.2	1.1	.4	.1								2.7	4.4
CALM												4.5	
	11.4	34.3	31.8	5.1	2.9	3.4	1.4	.5	.1			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 93

U.S. NAVAL CLIMATOLOGY BRANCH
 PACIFIC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17. THULE AB GL STATION NAME 70, 73-81 YEARS 1960-1969
 STATION MONTH
ALL WEATHER
 CLASS
CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.2	10.5
NNE	.2	.6	.2	.2								1.3	5.3
NE	.2	.9	1.8	.3								3.2	7.3
ENE	.4	3.7	2.2	.1	.3							6.4	6.9
E	.1	22.7	17.5	1.6	.5	.7	.2					43.2	6.7
ESE	1.6	6.0	5.7	.8	.8	.5	.2					14.9	8.3
SE	.3	1.1	1.2	1.3	.8	.5	.4	.2	.3	.1		6.2	10.3
SSE	.5	.2	.9	1.0	.8	.6	.2	.6	.1			4.4	17.9
S			.2	.1								.2	9.7
SSW		.2										.2	3.5
SW	.1	.1	.1									.2	4.3
WSW	.1	.2	.2	.1								.6	6.7
W	.1	.5	.5									1.3	8.3
WNW													
NW	.1		.1									.2	4.5
NNW		.1										.1	4.0
VARBL	1.7	.9	.1									2.6	3.2
CALM												9.3	
	10.4	36.6	35.8	5.6	3.1	2.0	1.1	.9	.4	.1		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 AFMTC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 77,73-01 YEARS JAN
ALL WEATHER CLASS 940-1100
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.3									.5	6.6
NNE	.1	.3	.2									.6	6.5
NE	.4	.8	2.7	.5	.2							4.3	7.6
ENE	.9	3.4	2.5	.6		.2						7.6	6.9
E	3.9	24.1	15.6	5.0	.4	.1	.5					47.5	6.8
ESE	1.1	4.4	5.9	.8	.8		.1					13.0	7.7
SE	.1	1.3	1.7	.9	.5	1.0	.9	.4		.2		7.3	16.6
SSE	.1	.3	.4	1.1	1.1	.6	.6		.1			4.4	18.2
S	.1	.2	.4	.1								.9	7.8
SSW	.1	.1	.1									.3	5.3
SW	.4	.1										.5	2.6
WSW	.2	.5	.1									.9	5.4
W	.4	.5	.1									1.1	3.6
WNW	.1		.1									.2	6.7
NW		.2										.2	5.0
NNW	.1	.1										.2	2.5
VARBL	1.5	.9										2.4	3.1
CALM												6.3	
	11.0	37.3	29.6	7.0	3.0	1.9	2.2	.4	.1	.2		100.1	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 75,73-81 YEARS JAN
CLASS ALL WEATHER MONTH 1200-1400
CONDITION 1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4		.1								.5	4.4
NNE	.1	.4	.1									.5	3.7
NE	.3	1.1	1.7	.6	.1	.1						4.0	6.1
ENE	1.0	4.3	2.2	.5	.1							3.1	6.3
E	4.3	20.3	16.3	2.2	.3	.1		.4				4.9	6.9
ESE	1.0	5.4	5.9	1.0	.5	.1	.1					14.1	7.8
SE	.2	1.0	.9	1.7	.9	.2	.6		.3	.2		6.6	17.7
SSE	.3	.3	.3	1.4	.8	.2	.9	.3				4.8	16.8
S	.2		.1	.2								.5	3.3
SSW	.1	.1										.2	3.7
SW	.2	.1	.2									.5	4.6
WSW	.2	.6	.1									1.6	4.6
W	.6	.9	.1									1.5	3.7
WNW		.1										.1	4.0
NW													
NNW		.2										.2	4.5
VARBL	1.5	.4										1.3	2.8
CALM												9.4	
	12.1	36.1	29.9	7.7	2.7	1.3	1.5	.8	.3	.2		12.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TABLE A3 G STATION NAME 75.73-H1 YEARS JAN
CLASS ALL WEATHER MONTH 1965-1966
CONDITION 1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1		.1								.3	6.3
NNE	.1	.6										.6	4.7
NE	.2	.9	1.4	.5								3.0	7.8
ENE	1.5	3.5	2.8	.3	.1	.1						4.4	6.5
E	5.1	21.5	17.1	1.7	1.0	.2	.1	.2				47.1	6.9
ESE	.8	5.2	6.3	.9	.5	.4	.3	.1				14.5	3.7
SE	.3	.9	1.0	.9	1.0	.2	.4	.4	.1	.4		6.6	10.6
SSE	.1	.3	.1	.9	1.7	.9	.2	.1	.1			3.7	10.6
S		.2	.4									.4	7.0
SSW		.1	.1									.2	6.5
SW	.5	.4	.2									1.2	4.1
WSW	.5	.9	.1									1.5	4.3
W	.4	.8	.2									1.4	4.8
WNW	.1	.1										.2	3.5
NW	.2											.2	2.0
NNW	.1	.2	.1									.4	5.0
VARBL	1.4	.5										1.9	2.9
CALM												9.2	
	11.5	36.3	29.9	5.3	3.5	1.8	1.1	.9	.2	.4		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GL STATION NAME 70,73-81 YEARS 1953 MONTH JAN
CLASS ALL WEATHER 1800-2400
CONDITION 1800-2400 HOURS (U.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3										.5	4.4
NNE	.4	.2	.2									.9	4.4
NE	.5	1.6	1.7		.1	.2						4.2	7.4
ENE	.4	4.3	1.2	.1		.1						6.1	5.8
E	.1	21.5	16.6	1.6	.1	.5		.3				40.9	6.6
ESE	.9	4.7	6.6	1.5	.6	.8	.2	.2				15.5	9.3
SE	.1	1.4	1.4	1.3	.4	.6	.3	.5	.2	.1		2.5	16.1
SSE	.1	.5	.1	2.0	.8	.3	.2					4.1	14.7
S	.2	.2	.4				.1					1.0	8.6
SSW	.1	.2										.3	4.3
SW	.1		.1									.2	4.5
WSW	.2	.1	.2									.5	4.8
W	.4	.6	.2									1.3	4.5
WNW	.2	.2										.4	3.3
NW													
NNW	.1	.1										.2	3.5
VARBL	2.1	.9	.1									3.0	2.9
CALM												5.4	
	12.3	37.1	28.8	6.6	2.0	2.6	.9	1.1	.2	.1		100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 430

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULIA AFB STATION NAME 7273-61 YEARS JAN
CLASS ALL WEATHER MONTH 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2										.2	6.2
NNE	.5	.1	.3	.1								1.1	6.0
NE	.2	1.3	1.2	.5								3.2	6.6
ENE	1.4	3.9	1.8	.4								7.5	5.8
E	4.3	21.4	17.6	1.4	.6	.4	.1	.1				46.5	6.8
ESE	1.2	4.3	7.4	1.1	.3	.9	.3	.1				16.1	8.9
SE	.1	1.0	1.2	1.2	.6	.4	.5	.4	.3			6.1	17.5
SSE	.1	.4	.4	1.3	1.2	.4	.1	.3	.1			4.4	17.3
S		.3		.1								.4	7.5
SSW	.1											.1	3.0
SW	.2	.3										.5	4.6
WSW	.1	.5	.2									.9	5.3
W	.2	.6	.2	.1								1.2	5.5
WNW		.1		.1								.2	11.0
NW	.1			.1								.2	7.0
NNW	.1		.1	.1								.3	7.7
VARBL	2.4	.4										2.5	2.7
CALM												8.1	
	11.6	35.5	30.5	6.6	2.8	2.5	1.1	1.0	.4			103.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17401 THULE A3 GL STATION NAME 75,73-81 YEARS 1975-1981 11 NORTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.0								.4	6.5
NNE	.3	.4	.3	.1								1.1	5.6
NE	.4	1.1	1.7	.4	.1	.0						3.7	7.4
ENE	.9	3.6	2.1	.3	.1	.1						7.0	6.5
E	5.1	21.5	17.1	1.7	.5	.3	.2	.1				45.6	6.7
ESE	1.0	5.2	6.4	1.0	.6	.5	.3	.1				15.1	8.6
SE	.2	1.0	1.3	1.1	.7	.7	.5	.4	.2	.1		6.3	16.9
SSE	.3	.4	.4	1.2	.8	.6	.4	.2	.1			4.3	17.1
S	.2	.2	.3	.1	.1		.0					.4	7.9
SSW	.1	.2	.0	.0		.0						.3	5.8
SW	.3	.2	.1									.5	4.1
WSW	.2	.4	.1	.0								.3	5.1
W	.4	.6	.3	.1								1.3	5.0
WNW	.1	.1	.0	.0								.2	5.3
NW	.1	.0	.0	.0								.1	4.0
NNW	.1	.1	.0	.0								.2	4.4
VARBL	1.7	.8	.1	.0								2.6	3.2
CALM												8.6	
	11.3	36.0	30.4	6.1	2.8	2.3	1.3	.8	.2	.1		103.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE AR 51 STATION NAME 70.73-81 YEARS 1900-1900
 CLASS ALL WEATHER MONTH 000-1200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.4	6.3
NNE	.1											.1	2.5
NE	.9	1.2	.2	.2		.1						.7	5.8
ENE	1.3	6.4	3.1	.5								11.2	5.9
E	5.8	21.5	19.5	1.2	.5							45.5	6.3
ESE	2.0	3.7	4.5	.5	.1	.2	.1					11.1	7.1
SE	.5	.6	.9	.6	.6		.2	.1				3.3	12.1
SSE	.1	.7	.7	1.3	.2	.2						3.3	11.4
S	.1	.2	.2	.5	.4							1.4	11.4
SSW	.6	.1	.1									.6	3.7
SW	.2	.4										.6	3.4
WSW	.1	.5	.4									.9	5.3
W	.6	.6	.4									1.5	4.7
WNW		.1	.4									.5	7.8
NW		.1										.1	4.0
NNW	.1	.1										.2	4.6
VARBL	1.9	.4										2.2	2.1
CALM												10.5	
	14.5	36.6	30.5	5.0	1.8	.6	.4	.1				102.0	6.0

TOTAL NUMBER OF OBSERVATIONS 246

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
41 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-00 IMULE AB CL STATION NAME 70,73-81 YEARS 1900-1950
CLASS ALL WEATHER
CONDITION 1300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	1.0
NNE		.1										.1	4.0
NE	.7	1.7	.1									.5	4.0
ENE	1.8	4.7	2.6	.1	.1							9.5	5.6
E	6.9	22.8	24.5	1.2	.2							53.6	6.4
ESE	.9	3.7	4.9	.6	.2	.1	.1					10.5	7.7
SE	.1	.8	1.7	.4	.4		.1	.6	.1			4.1	14.2
SSE	.2	.4	.5	1.3	.5	.1						.0	11.5
S	.1	.4		.2	.1							.0	8.4
SSW	.2	.1	.1									.0	4.3
SW	.1	.4	.2									.7	5.3
WSW	.4	.5	.1									.9	4.9
W	.4	.1	.2									.7	4.5
WNW		.1	.1									.2	6.5
NW			.1									.1	1.0
NNW	.1	.6										.7	4.7
VARBL	1.8	.2	.2									.2	3.0
CALM												9.6	
	13.8	34.7	35.4	3.8	1.5	.2	.2	.6	.1			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GI STATION NAME 70.73-81 YEARS 1960-1965
CLASS ALL WEATHER MONTH 1960-1965
CONDITION ALL WEATHER HOURS (L.S.T.) 1960-1965

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.1									.5	4.0
NNE	.1											.1	2.0
NE	.8	1.5	.4									2.7	4.4
ENE	1.0	4.3	3.0	.2			.1					9.0	5.9
E	5.9	27.3	27.4	2.2	.6							42.5	6.5
ESE	1.3	4.0	7.6	.6	.2							14.3	7.1
SE	.1	.9	1.2	.9	.5	.2	.2	.2				4.4	13.3
SSE	.2	.1	1.1	.9	.2							2.6	11.3
S	.4	.1	.1	.1								.7	5.3
SSW		.1	.1									.2	7.0
SW	.1	.1										.2	3.5
WSW	.2	.4	.4									.9	6.0
W	.4	.4	.1									.8	3.6
WNW	.1	.2										.4	3.3
NW	.1	.1										.2	3.0
NNW	.1	.1										.2	4.0
VARBL	1.4	.1										1.5	2.5
CALM												11.0	
	13.7	33.5	34.4	5.1	1.5	.2	.4	.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION IAHLE AB GL STATION NAME 70,73-81 YEARS 5 MONTH SEP-1103
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	6.2
NNE	.4	.1										.5	3.2
NE	1.1	1.4	.1									2.6	5.9
ENE	.1	5.4	1.7	.1								7.3	4.9
E	7.7	22.6	19.3	1.3	.5	.1						51.5	6.2
ESE	2.9	5.7	7.2	.4			.4					14.5	7.2
SE	.2	.5	.7	.8	.5	.1	.6	.1				3.2	15.2
SSE	.6	.5	1.1	1.5	.1							3.3	9.7
S	.6	.2	.8	.4								2.3	6.4
SSW	.1	.1										.2	3.5
SW	.5	.5										.7	3.6
WSW	.1	.4										.5	4.8
W		.2	.1									.4	5.3
WNW		.1										.1	4.2
NW		.1										.1	4.5
NNW	.1	.1										.2	3.2
VARBL	1.2	.7	.1									2.3	3.1
CALM												7.2	
	10.7	38.1	11.1	4.5	1.2	.2	.9	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 245

2
 U.S. AIR FORCE CLIMATOLOGY BRANCH
 WRIGHT PATTENSON AIR FORCE BASE
 DAYTON, OHIO 45433-6158
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1H011 AS G1 STATION NAME 70.73-H1 YEARS 1973-81 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1			.1							.5	0.3
NNE	.2											.2	2.5
NE	.9	1.5	.2									2.7	4.0
ENE	1.9	5.7	1.4	.5	.1							7.1	5.4
E	0.7	24.7	17.6	1.4	.1	.1						5.3	0.1
ESE	1.4	4.6	7.0	.4	.4	.1	.1	.1				14.1	7.5
SE	.9	.9	1.7	.2	.5	.2	.9					5.4	12.3
SSE	.2	.6	.4	.8	.2		.2					2.2	12.0
S	.2	.1		.2								.2	6.6
SSW	.2	.2										.5	3.2
SW		.1										.1	4.2
WSW	.4	.6	.1									1.1	4.2
W	.6	1.2	.4									2.1	4.5
WNW		.4										.4	4.7
NW													
NNW	.1											.1	1.2
VARBL	.8	.7										1.5	3.1
CALM												9.1	
	15.0	40.3	28.7	3.5	1.4	.5	1.3	.1				100.0	0.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 72,73-81 YEARS 1960-1970
CLASS ALL WEATHER MONTH 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2		.1							.5	1.1
NNE	.1											.1	3.1
NE	.4	1.4	.5									.2	5.2
ENE	2.2	7.1	1.9	.1								11.2	5.5
E	5.4	24.7	17.3	2.1	.4							53.1	6.3
ESE	1.1	6.1	4.8	1.1	.4		.4	.4				14.2	8.5
SE	.2	1.4	1.2	1.3	.4	.4	.5	.2				5.6	13.1
SSE	.2	.5	.6	.7	.9	.4	.5					3.1	15.5
S		.1	.4		.1							.8	10.2
SSW	.1											.1	2.0
SW	.2	.4										.1	3.6
WSW	.1	.4	.1									.1	4.2
W	.2	.2	.4									.5	6.3
WNW	.2	.1	.1									.5	4.5
NW	.1	.1										.2	3.5
NNW		.1										.1	6.0
VARBL	.5	.4										.8	3.0
CALM												5.2	
	12.1	42.2	27.4	5.3	2.2	.7	1.3	.6				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 840

FEDERAL CLIMATOLOGY BRANCH
WAFB
WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THUL AFB STATION NAME 7073-81 YEARS 1960-1967 MONTH 1960-1967
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.2	7.5
NNE			.1									.1	8.1
NE	1.2	.6	.4	.1								.7	4.7
ENE	1.2	4.7	3.2	.2	.4							7.7	8.7
E	5.2	23.2	19.3	1.5	.7							5.5	8.5
ESE	1.4	4.4	5.4	.2	.9	.4	.2					13.1	8.3
SE	.2	1.1	1.9	.8	.4	.6	.7	.1				5.2	13.3
SSE		.5	.8	.9	.7							.2	12.3
S	.2	.4	.6		.1							1.3	7.2
SSW	.4	.1										.5	3.7
SW	.4	.2	.1									.7	4.2
WSW	.1	.1	.1									.4	5.3
W	.2	.7	.4									1.3	5.5
WNW		.2	.1									.4	6.7
NW		.1										.1	4.1
NNW	.1		.1									.2	5.1
VARBL	.6	.3	.1									1.7	4.7
CALM												.5	
	11.2	37.9	32.7	3.9	3.2	.9	.9	.1				10.0	6.6

TOTAL NUMBER OF OBSERVATIONS 246

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1700 INLET A, SC STATION NAME 70,73-81 YEARS 1960-1961 MONTH 100-2300
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	4.0
NNE	.2	.1										.4	3.3
NE	.2	.6	.2									1.3	4.0
ENE	1.4	5.9	3.3	.1	.2	.2						11.2	6.3
E	5.9	20.2	19.6	2.2	.7	.1		.2				43.8	6.3
ESE	1.5	4.1	6.7	1.4	.5	.4						14.2	3.1
SE	.2	1.4	1.3	1.1	.6	.5						.6	11.2
SSE	.2	.5	1.1	1.4	.4	.1						.8	11.1
S	.1	.4		.1	.2	.1						.9	11.3
SSW	.2											.2	1.5
SW	.1	.2	.4									.7	6.5
WSW	.4	.4	.1									.8	4.9
W		.5	.2									.7	6.3
WNW		.1										.1	6.0
NW	.2											.2	2.5
NNW	.5											.5	1.6
VARBL	1.3	.2	.1	.1								1.8	3.3
CALM												7.8	
	13.0	35.2	33.1	6.5	2.6	1.5		.2				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 846

LOCAL CLIMATOLOGY BRANCH
 FETAC
 WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THUL, AB GU STATION NAME 75.73-81 YEARS 1961 MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1		.7							.3	6.3
NNE	.1	.0	.0									.2	3.3
NE	.8	1.3	.3	.0		.0						2.4	4.6
ENE	1.7	5.5	2.5	.2	.1	.0	.0					1.1	5.7
E	6.3	22.1	19.7	1.7	.5	.0		.0				51.3	6.4
ESE	1.5	4.5	6.7	.6	.3	.1	.2	.1				13.4	7.7
SE	.3	1.0	1.3	.8	.5	.3	.4	.2	.0			4.0	13.0
SSE	.2	.5	.8	1.1	.4	.1	.1					3.2	11.9
S	.2	.2	.3	.2	.1	.0						1.0	6.4
SSW	.2	.1	.0									.4	3.5
SW	.2	.3	.1									.6	4.4
WSW	.2	.4	.2									.3	5.0
W	.3	.5	.3									1.3	5.0
WNW	.0	.2	.1									.3	5.5
NW	.1	.1	.0									.1	4.0
NNW	.1	.1	.0									.3	3.8
VARBL	1.2	.5	.1	.0								1.7	3.0
CALM												8.0	
	13.8	37.3	31.7	4.7	1.9	.6	.7	.3	.0			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
USAF-TAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 73.73-81 YEARS 1959-1960 MAP MONTH 000-0200
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1		.1	.1							.4	10.0
NNE			.1	.1								.2	12.0
NE	.4	.5	.3	.1								1.4	5.7
ENE	1.0	6.0	3.7	.2								10.9	5.9
E	5.9	25.9	15.6	2.0	.2	.2						50.2	6.2
ESE	.9	3.4	5.4	.4	.3	.2	.2	.1				11.2	5.4
SE	.1	1.2	1.4	1.3	1.5	.5	.2	.2	.2			6.7	15.3
SSE	.1	.3	.4	.8	.8	.3	.1					2.0	14.6
S	.4	.1	.2	.2								1.0	6.6
SSW	.2		.1									.3	4.0
SW	.3	.4										.7	3.6
WSW	.3	.1	.5	.1								1.1	6.8
W	1.0	.9		.1								1.9	4.1
WNW	.3	.2										.5	2.8
NW	.1	.1	.1		.1							.4	8.8
NNW		.1										.1	5.0
VARBL	1.0	.2										1.2	2.5
CALM												8.6	
	12.2	39.6	28.8	5.5	3.7	1.3	.5	.3	.2			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 70.73-51 YEARS 1940-1950 MONTH 1940-1950
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2	.7	.1							.8	11.3
NNE			.1									.1	9.2
NE	.5	1.5	.5	.1		.1						2.4	8.0
ENE	2.2	5.6	2.8	.1								10.6	5.4
E	5.9	27.5	15.6	1.8			.2					51.1	6.1
ESE	.9	3.9	4.4	.5	.9	.1	.1					10.3	5.2
SE	.2	1.4	.9	1.0	1.7	.2	.2	.4	.2			5.5	15.1
SSE	.2	.4	.5	1.1	.3	.2	.3					3.1	13.7
S	.4	.4	.3	.1								1.3	5.7
SSW	.1	.2	.1									.4	5.3
SW		.2		.1								.3	7.7
WSW	.4		.2									.6	4.7
W	.5	.6	.1	.1								1.4	5.2
WNW	.1											.1	2.0
NW			.1									.1	10.0
NNW	.2	.1	.1	.2								.6	7.7
VARBL	1.7	.2	.2									1.4	3.2
CALM												8.9	
	12.8	42.2	26.2	5.5	2.3	.6	.9	.4	.2			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GL STATION NAME 75-73-81 YEARS 1968-1969
CLASS ALL WEATHER MONTH 1600-1600
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1	.1	.1		.1						.8	6.4
NNE		.1		.2								.3	12.3
NE	.4	.3	.2									1.0	4.8
ENE	1.8	7.0	2.9	.1	.2							12.0	5.7
E	7.3	26.9	15.2	1.6	.3		.1					51.3	6.0
ESE	1.2	4.1	3.7	1.4	.4		.2					11.0	7.9
SE	1.0	1.0	1.2	1.3	1.4	.2	.1	.4				6.6	13.2
SSE			.5	1.6	.6	.5	.3					2.7	17.0
S	.2	.3	.2	.2								1.0	6.4
SSW		.1	.2									.3	7.3
SW	.1	.1	.1									.3	4.7
WSW		.2										.2	4.0
W	.6	1.2		.1								1.9	4.4
WNW		.1										.1	6.0
NW		.2			.1							.3	10.0
NNW		.3		.1								.4	7.0
VARBL	1.3	.5										1.8	2.7
CALM												7.0	
	14.3	42.5	24.3	6.8	3.1	.9	.8	.4				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 70.73-81 YEARS 1960-1961 MONTH 9-11-61
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1		.2	.1							.5	10.6
NNE	.1	.2	.1	.1								.5	6.0
NE	1.7	1.2	.2	.2								3.3	4.3
ENE	1.1	5.3	2.5									3.8	5.5
E	7.1	27.1	12.6	1.3	.2		.1					4.4	5.7
ESE	1.4	4.6	5.2	1.1	.1	.2	.2	.3				13.1	6.3
SE	.6	1.7	1.5	.2	.6	.2	.2					6.4	11.2
SSE	.2	.2	.5	1.0	.8	.2	.4					6.3	15.7
S	.3	.2	.1	.3	.1							1.1	4.1
SSW	.1	.2										.3	4.2
SW	.2	.2										.4	3.5
WSW	.1											.1	3.0
W	.8	.5										1.3	3.3
WNW	.1			.1								.2	7.0
NW		.2										.2	5.0
NNW	.1											.1	2.0
VARBL	1.5	.6										1.2	2.9
CALM												9.6	
	15.6	42.5	22.7	5.2	1.9	1.2	1.0	.3				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GL STATION NAME 70.73-61 YEARS 1200-1400
CLASS ALL WEATHER MONTH 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1		.2	.1						.6	11.1
NNE	.1	.1		.2								.4	7.8
NE	.6	1.6	.4	.1		.1						.9	5.7
ENE	2.4	4.4	1.0	.2								8.2	4.6
E	11.1	24.4	3.2	.2	.3		.1		.1			44.2	5.1
ESE	2.0	4.4	2.5	1.8	.2	.5	.3	.2				12.5	8.7
SE	.4	1.3	1.4	.6	1.6	1.5	.1					7.4	14.1
SSE	.3	.2	.9	1.1	.8	.4	.1					3.5	14.0
S	.4	.1				.1						.5	5.8
SSW			.1									.1	10.3
SW	.3	.2										.5	3.4
WSW	.5	.8	.2									1.5	4.4
W	.2	.6	.1									1.0	4.6
WNW		.4	.1									.5	5.0
NW			.1									.1	8.7
NNW	.1	.2		.1								.4	7.8
VARBL	2.2	.4										2.6	2.9
CALM												13.5	
	21.0	39.8	14.9	4.4	3.1	2.8	.6	.2	.1			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

USAF CLIMATELOGY BRANCH
 AFM TAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB SL STATION NAME 70, 73-81 YEARS 4-1
 CLASS ALL WEATHER MONTH 1500-1700
 CONDITION 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N						.1						.1	2.0
NNE	.3	.1										.4	3.0
NE	1.0	1.2	.3	.1								.8	4.4
ENE	2.4	3.4	1.0	.2			.1	.1				7.5	5.4
E	11.1	23.5	6.9	.5	.4							42.5	5.0
ESE	1.5	6.1	3.1	2.0	.3	.5	.1	.1				13.9	8.3
SE	.4	1.2	1.4	1.5	.9	.8	.6	.2				7.0	14.5
SSE	.3	.2	.9	1.1	.9	.3	.1					3.5	14.0
S	.1	.5	.3		.1							1.1	7.3
SSW	.1	.3	.2									.6	2.0
SW	.8	.1	.2									1.1	3.3
WSW	.8	.3										1.1	2.9
W	.6	.8										1.4	3.4
WNW	.1											.1	1.0
NW	.1					.1						.1	1.0
NNW					.3							.3	1.0
VARBL	1.2	.5										1.7	2.9
CALM												14.6	
	20.8	38.7	14.3	5.5	2.9	1.8	1.0	.4				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 73, 73-81 YEARS 1970-1979 MONTH 1970-1979
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.3	.1	.2							1.2	10.4
NNE	.2											.2	2.5
NE	1.0	1.3	.1	.1	.1							3.1	5.1
ENE	1.1	4.4	1.5	.1	.1							7.2	5.5
E	2.9	25.7	15.2	1.2	.2	.1						51.6	5.8
ESE	1.4	3.4	3.3	.5	.8	.1	.1	.1				7.3	8.1
SE	.8	.6	1.4	1.3	.5	1.2	.2	.3	.4			8.8	16.4
SSE	.1	.4	1.1	.6	.9	.5		.1				3.3	15.1
S	.3	.2	.5	.2								1.2	7.3
SSW	.2	.3		.1								.6	6.2
SW	.3	.2	.1									.5	4.5
WSW	.6	.3	.1	.1								1.2	4.6
W	.3	.4	.3									1.1	5.1
WNW		.1										.1	4.0
NW													
NNW				.2								.2	15.5
VARB	.8											.8	2.3
CALM												10.7	
	17.2	37.5	24.0	4.6	2.8	1.9	.3	.5	.4			101.7	6.4

TOTAL NUMBER OF OBSERVATIONS 929

2
J. M. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 7073-81 YEARS 1960-1961 MONTH 100-230
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.1	.1							.6	8.7
NNE				.1	.2							.3	17.3
NE	.6	1.7	.2	.2								.3	5.3
ENE	1.2	4.5	2.7	.2	.1							.7	6.0
E	6.3	24.5	18.7	1.5	.5	.1						51.7	6.4
ESE	1.1	5.4	5.6	.4	.1	.3	.3	.1				13.3	7.8
SE	.5	.4	.6	1.5	1.2	.7	.2	.2	.2	.2		5.5	17.6
SSE	.2	.4	.6	1.0	.5	.6						3.4	13.4
S	.2	.1	.3	.1	.1	.1						1.2	9.9
SSW	.1	.1										.1	3.7
SW	.2											.1	2.5
WSW	.1	.2	.1	.1								.2	6.0
W	.1	.5	.3									1.2	5.4
WNW	.2	.1										.3	3.7
NW		.1										.1	1.2
NNW													
VARBL	.8	.6	.1									1.5	3.6
CALM												.7	
	11.8	39.0	29.5	5.3	2.9	1.5	.5	.3	.2	.2		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INLET AB GL STATION NAME 70-73-81 YEARS MAC
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.1	.1	.0						.6	1.0
NNE	.1	.1	.0	.1	.7							.3	8.5
NE	.8	1.2	.3	.1	.7	.0						2.5	5.2
ENE	1.6	5.1	2.2	.1	.1		.0	.0				7.2	5.5
E	3.1	25.6	13.6	1.3	.3	.1	.1		.0			47.0	5.8
ESE	1.3	4.5	4.1	1.7	.4	.3	.2	.1				11.9	6.2
SE	.5	1.1	1.2	1.2	1.1	.7	.2	.2	.1	.0		6.4	14.6
SSE	.2	.3	.7	1.0	.7	.4	.2	.7				3.5	14.7
S	.3	.3	.3	.1	.7	.0						1.0	7.2
SSW	.1	.2	.1	.0								.4	5.4
SW	.3	.2	.1	.0								.5	4.0
WSW	.4	.2	.1	.0								.8	4.7
W	.5	.7	.1	.7								1.4	4.4
WNW	.1	.1	.0	.0								.3	4.1
NW	.0	.1	.0		.7	.0						.2	9.1
NNW	.1	.1	.0	.1	.7							.3	9.5
VARBL	1.2	.4	.0									1.6	2.9
CALM												13.1	
	15.7	40.2	23.1	5.3	2.8	1.5	.7	.4	.1	.0		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7437

2
 J. RAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION TRIPLE A-61 STATION NAME 71.73-51 YEARS 1 MONTH 1
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	4.2
NNE		.3										.3	4.3
NE	.9	.6	.4									1.9	4.2
ENE	1.3	4.2	.9									6.4	5.2
E	7.3	22.1	13.1	4.9	.4	.2						53.1	6.5
ESE	1.6	3.4	2.9	1.8	.4	.2	.2	.1	.2			1.9	9.5
SE	.2	.7	1.9	1.6	1.1	.9	.7	.2				7.2	15.7
SSE	.3	.4	1.1	1.4	.3	.3	.3	.2				4.0	14.0
S	.2	.6	.1	.3	.1							1.3	7.7
SSW	.1	.2	.1									.4	4.6
SW	.1		.1									.2	5.5
WSW	.4	.3	.3	.2								1.3	5.8
W	.4	.6	.1									1.1	3.8
WNW	.1	.2										.3	3.7
NW	.2	.1										.3	3.0
NNW		.1										.1	6.0
VARBL	.7	.4										1.1	3.0
CALM												4.1	
	14.7	34.4	26.1	17.2	2.4	1.7	1.2	.6	.2			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12000 THULE AFB STATION NAME 75, 73-41 YEARS 1955
MONTH 11
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	0.0
NNE	.1	.1										.2	0.0
NE	.5	.5	.2	.1								1.4	0.3
ENE	1.8	3.7	1.4	.1	.1							7.1	0.3
E	7.1	21.9	17.9	2.3	.6	.1						49.8	0.4
ESE	1.1	3.4	4.4	2.2	.2		.2	.4				10.1	0.2
SE	.7	.7	.4	1.3	.5	1.2	.3					5.7	1.4
SSE	.2	.2	.9	.2	2.0	1.1	.3					5.7	16.9
S		.3	.4	.1								.7	7.5
SSW	.1	.2										.2	3.3
SW													
WSW	.4	.2		.3								1.0	0.0
W	1.0	.0	.2									1.2	3.9
WNW		.1										.1	4.0
NW	.2											.2	2.0
NNW	.2	.1										.3	2.7
VARBL	1.0	.1	.2									1.3	3.0
CALM												11.9	
	14.4	32.3	26.2	7.9	3.4	2.4	.9	.4				100.0	0.8

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATE CENTER
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AFB STATION NAME 70.75-81 YEARS 1950-1955
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2									.3	7.2
NNE	.1											.1	2.5
NE	.4	.5	.4		.1							1.5	6.4
ENE	1.9	4.3	1.0	.3	.1							7.7	5.4
E	8.3	22.7	12.2	1.2	.2	.1	.3					45.6	5.9
ESE	3.3	4.3	4.0	1.0	.3	.1	.4	.1				1.7	5.1
SE	.2	1.1	.7	1.0	1.0	1.0	.1	.1				5.2	14.7
SSE	.1	.3	.9	1.9	1.2	.9	.2					5.5	15.7
S		.3	.1	.1								.5	7.6
SSW			.1									.1	7.5
SW	.2	.2		.1								.5	5.2
WSW	.4	.3	.2	.1	.1							1.2	5.4
W	.7	1.2										.7	3.5
WNW	.2											.2	2.0
NW	.4	.2										.7	3.0
NNW	.1	.1										.3	4.5
VARBL	1.3	.4	.1	.1								1.0	3.5
CALM												14.4	
	17.3	35.3	20.0	5.9	3.1	2.1	1.1	.2				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB DL STATION NAME 7573-81 YEARS 1950-1951 MONTH 1950-1951
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2										.3	3.7
NNE	.1											.1	3.0
NE	.3	.5	.1	.2								1.2	5.4
ENE	2.2	1.7	.4	.6								5.2	4.5
E	11.0	17.4	6.2	1.2	.1	.1						30.9	4.9
ESE	2.4	3.6	2.4	1.1	.4		.2					13.2	7.1
SE	.1	1.7	1.9	1.2	1.6	1.2	.9					7.9	15.6
SSE	.4	.2	.6	.8	.2	.2	.2					4.0	13.4
S	.1	.3	.3									.3	6.1
SSW	.1	.3										.4	4.3
SW		.1										.1	4.0
WSW	.9	1.2										1.1	3.6
W	1.7	1.7	.3									3.7	3.9
WNW	.2	.2	.2									.7	5.0
NW	.2		.1									.3	4.3
NNW	.2	.3										.6	3.8
VARBL	1.6	.9										2.4	3.0
CALM												20.2	
	23.6	28.9	12.7	5.1	3.0	2.2	1.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

2
FEDERAL CLIMATOLOGY BRANCH
METAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRIPLE A-51 STATION NAME 72,73-81 YEARS APR MONTH 12-2-1400
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1										.3	2.7
NNE			.2									.2	3.1
NE	.3	.1	.1		.1							.7	6.7
ENE	1.5	1.2	.3	.4								3.6	2.1
E	3.1	8.9	3.6	.2	.4	.1						21.3	4.9
ESE	2.5	3.6	1.0	1.1	.6	.9						2.9	6.2
SE	.7	1.2	1.1	1.6	1.4	.5	.2	.1				7.1	13.3
SSE	.2	.2	.9	1.4	1.5	.9	.1					6.0	14.5
S	.4	.6	.3		.1							1.4	6.0
SSW	.6	.3										.9	3.4
SW	1.0	.7										1.7	3.1
WSW	1.3	1.2	.1									2.7	3.5
W	5.7	3.8	.9									10.3	3.5
WNW	.3	.4										.8	4.1
NW	.1	.3	.2	.1								.8	6.7
NNW	.1	.2										.3	3.7
VARBL	1.6	.3	.1									2.0	2.2
CALM												70.0	
	25.0	23.9	8.9	4.9	4.2	2.7	.3	.1				10.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 71,73-61 YEARS 1970-1971 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	7.1
NNE	.1		.1									.2	5.5
NE	.3	.1		.1								.1	5.1
ENE	1.2	.8	.1									2.1	3.4
E	6.6	9.1	3.9	.8	.2							20.6	5.1
ESE	2.4	2.9	1.3	1.2	.8	.4	.3	.2				7.7	9.2
SE	.7	1.4	.8	1.9	.7	1.3	.2	.3	.2			7.6	15.2
SSE	.6	1.7	.6	2.3	.7	.4	.1					5.7	12.3
S	.6	.3	1.0	1.0								2.9	8.7
SSW	.2	.2	.1	.1								.7	5.8
SW	.8	.7	.3	.1								1.9	5.1
WSW	2.2	1.1		.2								3.5	3.7
W	4.8	4.0	.8									9.6	3.4
WNW	.8	.7	.2									1.7	4.7
NW	.2	.4										.7	4.2
NNW	.1	.4										.6	3.8
VARBL	1.1	.3										1.4	2.5
CALM												33.7	
	22.7	23.6	9.3	7.8	2.3	2.2	.7	.6	.2			17.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GI STATION NAME 70.73-61 YEARS APR MONTH 1980-2000
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	4.5
NNE		.1										.1	4.0
NE	.2	.3	.1	.1								.6	5.5
ENE	2.6	1.2	.2	.1								4.7	3.7
E	2.7	17.4	6.9	.9		.2						3.1	5.1
ESE	1.3	3.3	2.3	1.7	.2	.7			.3			9.5	9.8
SE	.6	.9	1.4	.8	.8	.4		.7				5.9	15.2
SSE	.4	.2	1.0	1.6	.6	1.0	.4					5.3	14.0
S	.1	.4	.9	.6	.3							2.8	9.6
SSW		.1										.1	4.0
SW	.2	.6	.2	.1								1.7	4.3
WSW	1.6	.4	.3	.1								2.4	4.0
W	4.2	2.1	.6	.3								7.2	3.9
WNW	.7	1.1	.1									1.9	4.5
NW	.3	.2										.6	3.2
NNW		.2	.1									.3	5.7
VARBL	.3											.8	2.1
CALM												17.8	
	23.4	30.4	14.2	6.2	1.9	2.3	.8	.7	.3			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 899

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17005 THULE AB GI STATION NAME 70,73-61 YEARS APR
MONTH 190-230
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2										.2	5.0
NNE													
NE		.1	.1									.2	7.0
ENE	1.0	4.4	.7	.1	.1							7.2	4.0
E	3.0	23.4	13.3	2.6	.3							47.7	6.0
ESE	1.2	3.4	3.1	1.2	.4	.3	.1			.3		10.2	9.5
SE	.2	.7	1.6	1.7	.9	.9	.7	.4				5.9	16.1
SSE	.4	.7	1.2	1.6	.6	.8	.3					5.6	13.5
S	.2	.6	.2	.3								1.3	7.4
SSW	.1											.1	2.0
SW	.2	.4	.1	.1								1.1	5.5
WSW	.7	.8	.3									1.8	4.0
W	1.0	.7	.7									2.9	4.3
WNW	.4	.1	.1									.7	3.7
NW	.1	.3	.1									.5	5.7
NNW	.1											.1	3.0
VARBL	.4	.3										.8	2.9
CALM												12.7	
	15.9	36.2	21.6	7.6	2.2	2.0	1.1	.4		.3		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

STATION	THULE AC GI	7C.73-81	YEARS	MONTH
ALL WEATHER				ALL
CLASS				HOURS (L.S.T.)
CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.0									.2	4.7
NNE	.1	.1	.0									.2	4.6
NE	.4	.3	.2	.1	.0							1.0	5.6
ENE	1.9	2.6	.6	.2	.0							3.5	4.8
E	3.4	17.9	11.3	1.8	.3	.1	.0					33.7	5.8
ESE	1.9	3.5	2.7	1.4	.4	.3	.2	.1	.1	.0		15.7	6.4
SE	.4	1.0	1.2	1.4	1.0	1.0	.4	.2	.1	.0		6.7	13.1
SSE	.3	.6	.9	1.5	1.0	.8	.3	.0				5.3	14.5
S	.2	.5	.4	.3	.1							1.5	8.0
SSW	.2	.2	.0	.0								.4	4.3
SW	.4	.3	.1	.1								.9	4.0
WSW	1.0	.7	.2	.1	.0							2.0	4.4
W	2.5	1.8	.4	.0								4.0	3.8
WNW	.3	.4	.1									.8	4.0
NW	.2	.2	.1	.0								.5	4.2
NNW	.1	.2	.0									.3	4.0
VARBL	1.1	.4	.1	.0								1.5	3.0
CALM												19.0	
	12.5	30.7	17.4	6.9	2.8	2.2	.9	.4	.1	.0		123.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7199

REGIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 70,73-81 YEARS 1970-1971 MAY MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3										.4	4.0
NNE													
NE	.4	.4										.9	3.9
ENE	2.3	1.7	.4	.2	.1							4.5	4.7
E	3.7	15.3	8.5	1.1	.2		.2					34.0	5.6
ESE	1.5	2.5	3.9	1.1	.2			.2				9.4	7.3
SE	.5	1.3	1.7	1.0	.4	.2		.3				5.5	10.9
SSE	.2	.9	1.3	1.2	1.3							4.7	11.7
S	.3	.9	.2	.9	.2	.1						2.6	9.8
SSW	.3	.2		.1								.6	5.8
SW	.5	.6	.3									1.5	4.9
WSW	.8	.9	.4	.6								2.7	6.2
W	4.3	2.8	.4									7.5	3.3
WNW	.6	.3										1.0	3.1
NW	.5	.1	.1									.5	3.3
NNW	.2	.2	.1									.5	5.0
VARBL	1.2	.2										1.4	2.6
CALM												72.0	
	22.4	23.5	17.4	6.1	2.5	.3	.2	.5				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AFB STATION NAME 73.73-81 YEARS MAY
CLASS ALL WEATHER MONTH 1300-1500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1										.3	2.7
NNE	.1	.1	.1									.3	5.7
NE	.5	.5	.3									1.4	4.4
ENE	1.2	1.7	.6									3.5	4.4
E	2.0	1.8	.5	1.1	.2	.1	.1					3.4	5.4
ESE	1.7	4.2	4.3	1.3		.2	.2					11.9	7.5
SE	.8	1.1	1.9	1.0	.2	.3			.2			5.5	10.7
SSE	.4	.5	1.0	1.6	.2	.2			.1			4.1	11.1
S	.3	.2	.3	.4								1.8	7.4
SSW		.1										.1	5.0
SW	.3	.6	.3									1.3	5.4
WSW	.5	.8	.2	.3								1.8	6.7
W	2.5	2.6	.1	.2								5.4	4.4
WNW	.8	.2	.1									1.1	3.3
NW	.2	.2	.1									.5	4.5
NNW		.4										.4	4.5
VARBL	1.4	.4										1.8	2.6
CALM												23.2	
	23.0	32.2	15.8	5.9	.6	.9	.3		.3			100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB G. STATION NAME 70.73-81 YEARS MAY
CLASS ALL WEATHER MONTH MAY
CONDITION 1600-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1										.1	6.0
NE	.3	.6	.2	.1								1.3	5.4
ENE	1.2	1.4	.5	.2								3.6	5.4
E	7.6	12.4	5.0	.5			.3					25.9	5.2
ESE	1.2	4.7	2.3	.5	.5	.1		.3				13.4	7.5
SE	1.0	1.3	1.6	.6	.5	.2	.1	.1				5.5	9.8
SSE	.6	.3	1.2	1.4	.3	.3		.1	.1			4.3	11.9
S	.8	.2	.1	.3								2.6	5.5
SSW	.2											.2	2.0
SW	.2	.5	.2									1.0	5.4
WSW	.2	1.5	.6	.2								4.5	4.6
W	5.7	3.7	.9	.4	.1							10.8	4.1
WNW	.3	.3										.6	3.5
NW	.2	.2										.4	4.0
NNW	.4	.3										.8	3.4
VARBL	2.5	.4										2.9	2.5
CALM												25.2	
	25.2	29.2	12.8	4.4	1.5	.6	.4	.5	.1			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 929

12
FEDERAL CLIMATOLOGY BRANCH
COMETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME THULE AB GL YEARS 72-73-81 MONTH 000
CLASS ALL WEATHER MONTH 000-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1										.4	2.4
NNE	.1	.2	.1									.4	4.7
NE	.1	.1	.1			.1						.4	1.0
ENE	.9	.6	.3			.1						1.6	4.2
E	4.8	5.4	2.7	1.2	.3	.3			.1			14.3	6.3
ESE	.9	2.7	2.0	1.0	.3	.4	.1					7.4	8.9
SE	.9	1.5	2.0	2.0	.5		.1	.3				7.6	11.1
SSE	.3	.3	1.5	1.3	.5	.3						4.7	11.1
S	.4	.2	.3	.5								1.5	3.1
SSW	.2	.3		.3								.9	7.5
SW	1.1	.5		.1								1.7	3.2
WSW	2.7	1.5	.2		.1							4.5	3.3
W	13.2	9.7	.9		.2	.1						24.1	3.6
WNW	.8	.3		.2								1.3	5.3
NW	.4	.3										.8	3.7
NNW	.5	.1										.6	2.5
VARBL	.6	.2	.2	.2								1.3	5.6
CALM												25.5	
	28.3	24.6	10.4	6.9	2.3	1.4	.2	.3	.1			100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 970

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE A3 GI STATION NAME 7073-81 YEARS 1950-1959 DAY 1200-1400
MONTH 1200-1400
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2									.4	3.3
NNE	.1	.2										.3	4.7
NE	.2	.4	.1		.1							.9	6.5
ENE	.6	.3	.2									1.2	3.3
E	2.5	2.4	1.8	1.4	.1							3.2	6.5
ESE	1.0	.6	1.3	1.1	.9	.4	.1					5.2	11.1
SE	.5	1.2	.5	1.4	.9	1.0	.2	.2	.1			6.2	14.6
SSE	.1	.2	1.0	1.8	1.0	.2		.1	.1			5.2	13.6
S	.2	1.1	.5	1.1	.1							1.5	9.0
SSW	.4	.1										.5	3.0
SW	.4	.6	.2	.2								1.5	5.7
WSW	4.5	2.5	.2	.1								7.5	3.4
W	16.1	16.6	2.8	.2	.3							3.0	4.5
WNW	1.9	1.6	.6	.2								4.4	4.7
NW	.8	1.3										2.0	3.3
NNW	.3	.5										.2	3.9
VARBL	.5	.5	.2									1.3	4.4
CALM												15.6	
	50.3	31.1	9.8	7.5	3.2	1.6	.3	.3	.2			10.0	5.3

TOTAL NUMBER OF OBSERVATIONS 430

2
 MILITARY CLIMATOLOGY BRANCH
 AFMTC
 AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-13 INDEPENDENCE STATION NAME 75-73-61 YEARS 1947-1951 MONTH 1947-1951
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1										.3	2.7
NNE	.1											.1	3.0
NE	.2	.3										.2	3.1
ENE	.3		.1	.1								.2	5.2
E	1.5	1.7	.1	.8	.4	.1						.6	7.2
ESE	.5	1.1	.5	1.6	.8	.2						.1	11.7
SE	.4	.6	1.7	1.9	.9	.5	.2	.2				.6	13.0
SSE	.4	.5	1.2	2.6	1.1	.2		.2				.4	13.2
S	.8	.6	.9	.3	.2							.2	7.2
SSW	.5	.3	.1									.1	3.2
SW	1.4	1.7	.1	.1								.2	3.3
WSW	3.8	2.2	.6	.3								.7	4.1
W	17.7	19.3	2.7	.1	.2							34.9	4.7
WNW	1.8	1.2	.8	.2	.1							.4	5.0
NW	.5	.3										.1	3.8
NNW		.8	.1									.2	5.3
VARBL	.2											.2	2.5
CALM												17.5	
	32.6	32.7	10.2	8.1	3.7	1.1	.2	.4				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 922

SURFACE WINDS

STATION	THULE AB GL	STATION NAME	70-73-61	YEARS	DAY MONTH
		ALL WEATHER			1900-2000
		CLASS			HOURS (L.S.T.)
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2									.5	5.0
NNE	.1	.2										.5	4.0
NE	.1	.2	.2									.5	4.0
ENE	.1	.2	.2	.1								1.5	6.0
E	3.1	5.3	1.7	1.4	.2	.1						11.9	8.7
ESE	1.1	1.3	1.1	1.5	.5	.2	.1					5.3	9.7
SE	.9	.6	1.2	2.2	1.5	.5	.1	.1				5.5	12.5
SSE	.4	.6	2.0	1.9	.4	.4	.1					5.5	11.0
S		.1	1.1	1.2	.1							2.7	15.1
SSW	.1	.3	.2	.1								.5	7.0
SW	.9	.4	.3	.1								1.6	4.7
WSW	.2	1.4	.5	.7								2.5	4.3
W	14.5	13.7	2.7	.3								22.2	3.9
WNW	1.9	1.3	.4									4.2	4.1
NW	.9	.6	.2									1.7	3.7
NNW	.4	.2	.1									.2	3.7
VARBL	.1			.1								.2	7.5
CALM												1.8	
	27.7	27.9	11.9	8.7	2.3	1.3	.3	.1				10.1	4.0

TOTAL NUMBER OF OBSERVATIONS 52;

U.S. NATIONAL CLIMATOLOGICAL BRANCH
 AF 740
 U.S. WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION Isule Ag. St. STATION NAME 70,73-41 YEARS 1960-1961 MONTH 11-12-1961
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1									.1	4.2
NNE		.1										.1	3.2
NE	.3		.1	.2								.4	3.7
ENE	1.2	2.1		.1								.4	4.1
E	5.8	10.0	3.7	.9	.4		.2					21.1	5.7
ESE	1.2	3.5	2.2	.6	.3		.1	.1				.7	7.4
SE	.8	.8	2.1	2.8	.2	.1	.4					7.1	11.2
SSE	.4	.2	1.4	2.7	.6	.2						3.3	11.5
S	.2	1.1	.8	.2		.1						.4	7.4
SSW	.2		.1									.2	4.7
SW	1.7	1.3	.1									.1	3.5
WSW	1.7	2.1	.3	.5								4.7	4.2
W	7.0	5.5	.4	.2								15.3	3.4
WNW	1.5	.6										.2	3.2
NW	.3	.2	.1	.1								1.7	4.2
NNW	.2	.2	.2									.2	4.2
VARBL	.4		.1									.5	3.2
CALM												23.7	
	5.1	23.2	11.7	8.4	1.6	.4	.8	.1				12.1	4.7

TOTAL NUMBER OF OBSERVATIONS 924

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 72, 73-81 YEARS DAY
MONTH
CLASS ALL WEATHER MONTH A.I
CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.3
NNE	.1	.1	.2									.2	4.5
NE	.3	.3	.1	.0	.0	.2						.3	5.4
ENE	.9	1.7	.3	.1	.7	.7						1.4	4.8
E	5.4	3.9	3.8	1.0	.2	.1	.1		.7			13.5	5.7
ESE	1.2	2.5	2.2	1.0	.4	.2	.1	.1				7.6	8.4
SE	.7	1.2	1.6	1.6	.6	.4	.1	.2	.0			5.3	11.3
SSE	.4	.7	1.3	1.8	.7	.2	.0	.1	.0			5.3	12.3
S	.4	.7	.5	.6	.1	.0						2.4	8.2
SSW	.3	.2	.1	.1								.4	5.1
SW	.7	.7	.2	.1								1.7	4.4
WSW	2.4	1.7	.4	.3	.0							4.5	4.4
W	12.4	2.2	1.4	.2	.1	.0						21.3	3.0
WNW	1.2	.9	.2	.1	.0							2.4	4.3
NW	.5	.5	.1	.0								1.1	3.2
NNW	.3	.3	.1									.7	4.1
VARBL	.9	.2	.1	.0								1.2	3.4
CALM												21.1	
	16.2	22.3	12.5	7.0	2.2	1.0	.3	.3	.1			100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULL AF GL STATION NAME 69-73, 73-80 YEARS 1969-1973 MONTH 10
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.1									.6	5.2
NNE		.4	.2	.1								.7	7.5
NE	.2	.2	.5	.2								1.4	7.5
ENE	1.4	.1	.2	.1								1.8	3.8
E	2.3	1.6	1.4	.7	.5	.1						5.7	7.2
ESE	.7	.7	1.0	1.2	.4	.1	.2					4.4	12.9
SE	.4	.5	1.4	2.2	1.4	1.1	.1					7.2	14.7
SSE	.1	.1	1.5	2.6	1.1	.4						5.2	13.4
S		.1	.2	.2								.6	9.2
SSW	.2	.1	.2									.6	5.4
SW	.2			.1								.4	5.7
WSW	2.1	1.7	.6									5.7	3.7
W	13.4	11.8	2.6									27.8	3.5
WNW	4.7	3.1	.1									7.9	3.3
NW	1.4	1.0	.1									2.5	3.5
NNW	1.2	.6										1.8	2.7
VARBL	.9	.4										1.2	2.2
CALM												25.3	
	29.4	22.2	10.3	7.6	3.3	1.7	.4					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE A3 GL STATION NAME THULE A3 GL YEARS 69-70, 73-80 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 1300-500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5										.9	3.3
NNE	.2											.2	2.5
NE	.4	.5	.4	.2								1.6	6.2
ENE	.9	1.2	.7	.2	.4							3.4	7.2
E	3.0	2.7	.6	.6	.2	.1						7.3	5.7
ESE	.7	1.5	.6	.7	.7	.5						4.3	16.3
SE	.2	.7	1.8	1.1	1.6	.2	.5	.1				6.4	14.6
SSE	.2	.5	2.0	2.6	1.1	.5	.1					7.2	13.3
S	.4	.1	.2	.5	.1							1.4	9.7
SSW		.2										.2	5.0
SW	.2	.5										.7	3.3
WSW	2.0	1.7	.5	.1								3.6	4.1
W	14.0	9.6	1.4	.2								2.2	3.5
WNW	2.3	2.2										4.6	3.2
NW	1.8	1.1	.1									3.1	3.2
NNW	.6	.5	.4									1.5	4.5
VARBL	1.4	.1										1.5	2.3
CALM												26.7	
	3.7	23.2	8.7	6.4	4.2	1.4	.6	.1				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 413

2
 JET CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 62-70, 73-80 YEARS JUL MONTH 1960-1960
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.1	.2									.7	4.4
NNE	.4	.1										.5	2.5
NE	.4	.2	.6									1.2	5.7
ENE	.9	.6	.4	.1								2.0	5.1
E	1.6	1.5	.7	1.1	.1							5.0	7.0
ESE	.6	.4	.4	.9	.6	.2	.1	.1				3.3	13.1
SE		.4	.7	1.0	1.6	1.0	.2	.1				5.0	17.6
SSE	.1	.1	1.4	3.3	1.2	.2	.1					5.5	14.2
S	.4	.2	.5	.2								2.0	6.4
SSW													
SW	.5	.2	.1									.7	3.4
WSW	2.0	1.7	.5	.1								4.3	4.4
W	17.2	15.4	2.8									35.4	3.5
WNW	2.8	2.8	.5									6.2	3.8
NW	2.1	1.0	.2									3.3	3.4
NNW	1.4	1.1										2.5	2.3
VARBL	1.1	.9										2.0	3.1
CALM												19.1	
	31.9	27.4	9.1	6.8	3.6	1.5	.5	.2				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 413

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AFB STATION NAME 69-75.74-80 YEARS 1969-1970
 CLASS ALL WEATHER MONTH 1969-1970
 CONDITION 1969-1970
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.1									.5	4.6
NNE			.1									.1	10.0
NE	.2		.2									.5	5.5
ENE	.2	.4	.4	.1								1.1	6.4
E	.6	.6	1.4	.9	.2		.1					3.8	9.9
ESE		.1	.5	1.1	1.2	.1						3.1	15.3
SE		.4	.9	2.1	1.7	1.1	.5	.1				6.5	17.3
SSE		.4	1.5	1.9	1.5	1.1	.1					6.4	15.5
S		.2	.5	.6	.6							2.0	13.8
SSW	.2	.5										.7	3.0
SW	.5	.1										.6	2.2
WSW	1.9	1.9	.6									4.3	4.2
W	15.3	26.3	4.9									47.0	4.3
WNW	2.0	4.8	1.7	.2								6.3	5.3
NW	1.4	1.6	.1									3.1	3.3
NNW	.7	.4	.1									1.2	3.9
VARBL	1.0	.1	.1									1.2	3.1
CALM												3.6	
	24.1	38.6	13.2	6.9	5.3	2.3	.7	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 810

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12000 THULE STATION NAME 69-70.73-80 YEARS 1970-1973 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2		.2								.6	6.2
NNE				.2	.1							.4	14.7
NE	.1	.1	.1									.4	5.0
ENE	.2	.7	.2	.4								1.6	7.5
E	.5	.1	.7	1.4	.5	.1						3.3	11.9
ESE	.1	.5	.6	1.0	.9	.5		.1				3.7	14.3
SE	.2	.4	.7	1.1	1.7	.7	.2	.1				5.3	16.5
SSE		.2	1.2	2.2	2.5	.5						6.7	15.6
S	.1	.2	1.6	.6	.2	.2						3.1	11.4
SSW		.1		.1								.2	8.5
SW	.1											.1	3.0
WSW	.9	1.5	.2									2.6	4.6
W	11.1	35.7	7.4	.9								55.0	4.9
WNW	2.0	5.8	2.1	.1								10.0	5.1
NW	1.2	1.1	.4									2.7	4.0
NNW	.2	.7	.1									1.1	4.5
VARB	.1	.2										.4	4.7
CALM												2.6	
	17.1	47.8	15.5	8.3	5.9	2.1	.2	.2				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 69-70.73-60 YEARS 1969-1970 MONTH ALL
CLASS ALL WEATHER
CONDITION 1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	.2	.1								1.3	8.6
NNE	.1		.1									.2	5.0
NE	.2		.4		.2							.9	9.6
ENE		.1	.2		.2							.6	12.4
E	.4	.1	.5	1.2	.7	.1	.2	.1				3.5	14.7
ESE	.1	.5	.1	1.5	.5	.5	.1					3.3	15.2
SE	.4	.5	.9	1.2	1.6	1.4	.4					6.3	16.5
SSE		.4	1.1	2.5	2.6	.4	.1					7.0	15.3
S		.2	.9	1.2	.5	.1						3.0	12.4
SSW			.1									.1	10.2
SW		.4										.4	4.0
WSW	1.7	1.7	.4									3.8	4.7
W	9.2	32.3	8.5	.6								53.7	5.1
WNW	2.5	5.8	2.1	.1								10.5	5.0
NW	.6	1.7	.1									2.5	4.5
NNW	.2	.2	.2	.2								1.6	6.4
VARBL	.9	.4										1.2	2.5
CALM												3.5	
	16.5	45.5	15.9	9.8	6.4	2.5	.9	.1				101.0	7.3

TOTAL NUMBER OF OBSERVATIONS 511

2

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12000 THULE AB GL STATION NAME 69-70, 73-60 YEARS 1950-1960 MONTH JUL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 20	21 - 23	24 - 26	27 - 29	30 - 32	33 - 35	36 - 38	39 - 41	42 - 44	45 - 47	48 - 50	51 - 53	54 - 56	57 - 59	60 - 62	63 - 65	66 - 68	69 - 71	72 - 74	75 - 77	78 - 80	81 - 83	84 - 86	87 - 89	90 - 92	93 - 95	96 - 98	99 - 100	%	MEAN WIND SPEED
N	.4	.2																																.4	3.2
NNE		.2	.1																															.4	5.3
NE	.2	.2	.7																															1.2	6.5
ENE		.4	.2	.1	.2																													1.1	10.6
E		.5	1.0	1.2	.4	.2	.2																											3.6	13.6
ESE			.9	.9	.5	.5	.1																											2.4	15.4
SE	.1	.6	.6	1.1	2.1	.9																												5.4	15.3
SSE			1.2	3.1	2.5	.9																												2.0	15.3
S	.1	.4	.5	1.2	.2																													.5	11.4
SSW	.1	.1	.2																															.3	5.5
SW	.2	1.7																																1.2	4.3
WSW	1.4	1.5	.6																															3.4	4.6
W	13.4	29.6	5.0	.1	.1																													45.3	4.5
WNW	2.8	5.5	2.1																															12.5	4.3
NW	1.1	2.6	.6																															4.3	4.4
NNW	.2	1.4																																1.0	4.5
VARBL	.1	.1	.1																															.4	5.3
CALM																																		4.7	
	27.3	44.3	14.0	7.8	6.0	2.5	.4																											170.1	6.7

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GI STATION NAME 69-75.73-80 YEARS JULY
CLASS ALL WEATHER MONTH JULY
CONDITION 8100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.5	4.3
NNE	.1	.1			.1							.4	6.3
NE	.1	.2	.2		.1							.7	6.3
ENE	.1	.2	.2	.2	.2							1.1	10.9
E	.1	1.2	1.1	.7	.4	.1						3.7	10.0
ESE		.5	1.3	1.2		.5	.4					3.9	14.0
SE		.7	1.5	2.8	1.2	.7	.1					7.1	14.3
SSE		.4	1.2	2.8	1.6	.7						5.7	15.0
S	.2	.4	.6	.9								2.1	9.4
SSW		.1	.1									.2	8.0
SW	.2	.1										.4	3.0
WSW	1.6	.9	.5									2.9	4.0
W	12.6	17.2	4.4	.5								42.4	4.1
WNW	2.6	4.3	.5									7.4	4.1
NW	1.3	1.1	.5									2.9	5.0
NNW	.2	.7	.1									1.1	4.4
VARBL	.4	.2										.5	3.4
CALM												15.8	
	27.0	29.3	12.5	9.2	3.7	2.1	.5					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 616

2
1
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE A3 GL STATION NAME 62-70, 73-80 YEARS ALL MONTH ALL
CLASS ALL WEATHERS
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.1	.0								.7	5.1
NNE	.1	.1	.1	.0	.0							.4	5.0
NE	.2	.2	.4	.1	.0							1.0	5.3
ENE	.5	.5	.3	.2	.1							1.0	7.0
E	1.1	1.0	.9	1.0	.4	.1	.1	.0				4.6	9.0
ESE	.3	.5	.7	1.1	.6	.4	.1	.0				3.2	13.0
SE	.2	.5	1.1	1.6	1.6	.9	.3	.1				6.2	15.7
SSE	.1	.3	1.4	2.6	1.8	.6	.1					5.7	14.8
S	.2	.3	.6	.7	.2	.0						2.1	10.0
SSW	.1	.2	.1	.0								.2	5.7
SW	.3	.3	.0	.0								.6	3.7
WSW	1.7	1.4	.5	.0								3.6	4.0
W	14.2	22.4	4.6	.3	.0							41.5	4.4
WNW	2.7	4.3	1.1	.1								5.2	4.5
NW	1.4	1.4	.3									3.0	3.0
NNW	.6	.8	.1	.0								1.5	4.2
VARBL	.7	.3	.0									1.1	3.0
CALM												13.3	
	24.4	34.8	12.4	7.7	4.8	2.0	.5	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17400 THULE AB GU STATION NAME 62-70,73-80 YEARS 10 MONTH 000-0200
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1		.1								.4	5.5
NNE													
NE	.2	.4	.1									.5	4.6
ENE	.6	.6	.8	.3								2.4	6.6
E	1.1	3.4	1.1	1.0	.3	.1						7.0	7.4
ESE	.2	1.0	1.3	.6	.2	.1	.2					3.7	10.5
SE	.2	.6	1.5	2.7	.9	.4	.5	.2				7.1	14.8
SSE		.5	.9	1.9	.8	.6	.1					4.6	14.1
S	.1	.1	.5	.1								.9	7.4
SSW	.1			.1								.2	6.5
SW	.6	.1										.8	2.8
WSW	1.4	1.3	.1	.1								3.3	3.6
W	12.1	13.7	.9	.2	.1							23.9	3.6
WNW	2.5	1.1	.2									3.6	3.5
NW	.6	.6	.1									1.4	3.5
NNW	.4	.6	.2									1.3	4.3
VARBL	.2	.4	.1				.1					.9	7.2
CALM												37.4	
	21.1	21.8	7.8	7.2	2.3	1.3	1.0	.2				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 928

2
LOCAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AFB STATION NAME 62-73,73-20 YEARS 1961 MONTH 1
CLASS ALL WEATHER HOURS (L.S.T.) 300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2										.4	3.1
NNE													
NE	.2	.1	.3	.1								.4	6.0
ENE	.2	.3	.5	.3								1.4	6.1
E	1.4	1.4	1.8	1.3	.5							6.7	6.2
ESE	.5	.2	.2	.6	.5	.3	.1					4.0	11.1
SE	.1	.3	1.5	2.3	1.2	.3	.6	.1				6.2	14.3
SSE	.2	.5	1.1	1.4	.4	.4	.1					2.2	13.1
S	.4	.1	.3									.5	4.4
SSW													
SW	.2	.3										.5	3.0
WSW	1.9	1.4	.1									3.4	3.1
W	11.6	10.2	1.0	.1								22.9	3.4
WNW	.2	1.4										1.3	3.4
NW	.5	1.1	.1									1.4	4.1
NNW	.5	.3										.2	3.1
VARBL	.9	.5	.1	.1			.1					1.7	2.0
CALM												40.5	
	20.6	19.2	7.6	6.2	2.9	1.1	1.0	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 93

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/HAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB, GL STATION NAME AS-70, 73-EC YEARS 1967-1968 MONTH JULY
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0000-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	12.0
NNE	.1	.1		.1	.1							.4	12.0
NE		.2	.1	.2								.5	12.0
ENE	.1	.9	.5	.4	.1							.5	12.0
E	1.3	1.6	1.6	1.3	.8							5.6	12.0
ESE	.3	.8	.6	.3	.6	.5	.1					2.3	11.0
SE	.2	.5	1.5	1.7	1.7	.5	.5	.1				7.7	15.0
SSE		.2	.3	1.3	.9	.5	.2					4.4	16.0
S	.2		.3	.4								.4	15.0
SSW	.1	.2										.3	14.0
SW	.3	.3										1.1	4.0
WSW	1.9	3.0	.2									5.1	5.0
W	13.6	15.3	2.5									31.4	3.0
WNW	2.8	1.4	.1									4.3	3.0
NW	.3	.3	.1									1.2	3.0
NNW	.5	.4										1.1	3.0
VARBL	1.1	1.7	.2		.1			.1				2.5	5.0
CALM												21.8	
	26.8	27.1	8.2	5.9	3.5	1.6	.9	.2				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2

AD-A113 225 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (U)
DEC 81
UNCLASSIFIED USAFETAC/DS-R2/007 SBI-AD-F850 141 NI

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (U)
DEC 81
USAFETAC/DS-A2/U07 SBI-AD-F850 141 NI

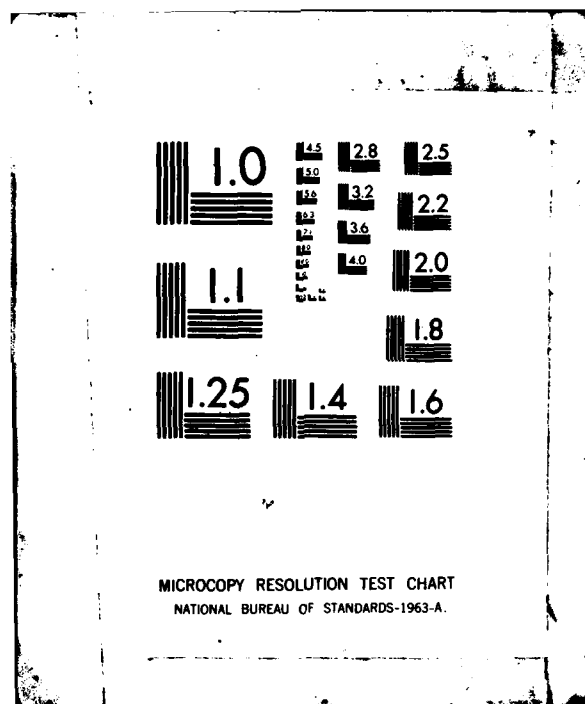
SBI-AD-E850 141

NI

UNCLASSIFIED

26





2

SURFACE WINDS

1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17035 THULE AB GL STATION NAME 69-70, 73-80 YEARS MONTH JUL
CLASS ALL WEATHER 1200-1400
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	4.0
NNE			.3									.3	9.3
NE	.1		.2	.3								.6	9.8
ENE	.1	.3		.4		.1						1.2	11.0
E	.2	.9	2.5	1.9	.8	.2						6.5	11.2
ESE		.2	.8	.6	.5							2.2	12.3
SE		.2	.6	1.2	1.5	1.0	1.1	.3				5.9	20.3
SSE			.9	1.4	.8	.2	.1					3.3	14.5
S			.2	.2	.1	.1						.6	15.2
SSW	.1			.1								.2	7.5
SW	.3	.5	.1									1.0	4.2
WSW	1.1	3.4	1.2									5.7	5.1
W	14.8	37.5	5.4	.1								57.8	4.5
WNW	1.7	3.8	.8	.1								6.4	4.6
NW	.4	1.2	.1									1.7	4.1
NNW	.1	.3										.4	4.8
VARBL	.1	.2	.1									.4	5.0
CALM												5.6	
	12.1	48.7	13.1	6.7	3.7	1.6	1.2	.3				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 928

2
JULY CLIMATOLOGY BRANCH
USAFETAC
MET WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GU STATION NAME 69-71, 73-80 YEARS 1969-1970 MONTH JUL
CLASS ALL WEATHER
CONDITION 1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	4.7
NNE		.2		.2								.4	9.5
NE	.1	.4	.2		.1	.2						1.1	10.4
ENE	.1	.3	.8	.8								1.9	9.6
E	.4	.8	1.9	1.9	.4		.2					5.7	11.1
ESE	.3	.2	.8	.5	.5	.3	.1		.1			2.9	14.6
SE	.1	.3	.3	.8	1.1	.4	.6	.3				4.7	19.2
SSE			.3	2.8	1.5			.1				4.7	15.8
S	.3	.1	.1	.2								.5	6.6
SSW	.2	.2	.1	.1								.6	6.0
SW	.3	.2	.2									.3	4.9
WSW	.9	3.1	.9	.1								5.0	5.3
W	12.1	34.6	8.5	.1								55.3	4.8
WNW	2.2	4.1	.6	.2								7.1	4.7
NW	.6	1.1	.3									2.0	4.3
NNW	.4	.3										.6	3.4
VARBL	.4	.1										.5	2.8
CALM												6.0	
	13.7	46.3	15.1	7.8	3.7	1.0	1.0	.4	.1			100.7	6.4

TOTAL NUMBER OF OBSERVATIONS 927

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17005 STATION THULE AB GI STATION NAME 69-70, 73-80 YEARS JULI MONTH
CLASS 1950-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.5	3.4
NNE				.1								.1	15.0
NE	.1		.3	.1								.5	8.6
ENE		.2	1.2	.4	.1							1.9	10.4
E	.1	1.3	2.0	1.5	.3	.1						5.4	9.8
ESE	.3	.1	.9	1.0	.4	.1	.2	.1	.2			3.3	15.2
SE	.2	.4	.4	1.1	1.1	.5		.2				4.0	15.7
SSE	.2	.3	.8	1.9	1.7	.4	.1					5.5	14.7
S	.1	.1	.6		.1							1.0	8.6
SSW	.1											.1	2.0
SW	.2	.2	.2									.6	4.7
WSW	1.9	2.7	.5									5.2	4.1
W	17.4	28.4	5.0	.3								51.0	4.3
WNW	2.8	2.8	.2	.1								5.9	3.8
NW	.8	1.3	.5									2.6	4.8
NNW	.4	.6	.1									1.2	4.5
VARBL	.2	.1	.1									.4	4.3
CALM												10.6	
	25.2	38.8	12.9	6.6	3.8	1.2	.3	.3	.2			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17005 THULE AB GI STATION NAME 69-70, 73-80 YEARS JUL
MONTH 2100-2300
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6		.1								1.1	4.6
NNE													
NE	.2	.2	.2	.3								1.3	8.1
ENE	.3	.6	.6	.4	.2							2.3	8.5
E	.8	.4	1.1	.9	.2	.2	.1					3.7	10.2
ESE	.2	.4	1.2	1.2	.2	.1	.1	.1				3.6	11.9
SE	.3	.3	.9	2.2	1.1	.9	.4	.2				6.3	16.1
SSE			1.7	2.5	1.1	.8	.2					5.5	16.5
S	.1	.2	.2		.1							.6	8.2
SSW	.3	.2	.1									.6	3.7
SW	.9	.5										1.4	2.6
WSW	2.3	1.7	.1	.1								4.2	3.5
W	18.9	16.8	1.7	.2								37.6	3.6
WNW	3.0	1.5	.1									4.6	3.3
NW	.4	.9										1.3	4.1
NNW	.6		.1									.8	3.3
VARBL	.2											.2	2.5
CALM												25.2	
	28.9	24.6	7.3	7.9	2.9	1.8	.9	.3				105.6	4.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12405 THULE AB GL STATION NAME 69-70.73-80 YEARS JUL
CLASS ALL WEATHER MONTH JUL
CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.0	.0								.5	4.5
NNE	.0	.1	.0	.1	.0							.2	8.7
NE	.1	.2	.2	.1	.0	.0						.7	8.3
ENE	.3	.6	.7	.4	.1	.0						2.0	8.2
E	.8	1.3	1.7	1.4	.5	.1	.0					5.9	9.6
ESE	.4	.5	.9	.7	.5	.2	.1	.0	.0			3.4	12.6
SE	.1	.4	1.0	1.6	1.1	.6	.5	.2				5.6	16.6
SSE	.1	.2	.7	1.9	.9	.4	.1	.0				4.5	14.8
S	.2	.1	.3	.2	.1	.0						.5	8.8
SSW	.1	.1	.0	.0								.3	4.9
SW	.5	.4	.1									.9	3.7
WSW	1.7	2.4	.4	.0								4.5	4.2
W	15.6	23.7	3.8	.2	.0							42.6	4.2
WNW	2.2	2.3	.3	.1								4.4	4.0
NW	.6	.9	.2									1.7	4.2
NNW	.4	.4	.1									.6	3.9
VARBL	.5	.3	.1	.0	.0		.0	.0				.9	5.2
CALM												19.8	
	23.7	33.4	10.5	6.8	3.2	1.5	.9	.3	.0			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17200 THULE AB GI STATION NAME 69-70, 73-80 YEARS ALL MONTH 0000-0200
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	.4	.3									.9	5.5
NNE		.2	.1									.3	6.3
NE	.4	.5	.6									1.6	5.6
ENE	.9	2.3	1.1	.2								4.4	5.7
E	4.3	8.3	2.2	1.3	.1	.2	.1					16.5	5.9
ESE	1.9	2.2	1.0	1.2	.1	.5	.1	.1				7.1	6.4
SE	.3	1.1	2.6	1.6	.6	1.1	.3	.2	.1			8.0	13.2
SSE	.2	.3	1.4	.9	.4	.4	.1					4.2	11.8
S	.2	.2	.4				.1					1.0	6.9
SSW	.5	.2	.1									.9	3.0
SW	.3	.4										.3	3.9
WSW	1.3	.9										2.7	2.8
W	4.0	1.7	.2									5.9	3.0
WNW	.8	.4										1.2	3.0
NW	.8	.1	.1									1.0	3.1
NNW	.2	.3	.2									.8	4.6
VARBL	1.7	.2										1.2	2.3
CALM												41.9	
	17.7	20.2	10.3	5.2	1.3	2.3	.6	.3	.1			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NO WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17600 INULE AB 51 STATION NAME 69-70, 73-80 YEARS Aug
MONTH 0300-1500
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.1	.3	.1							1.0	9.6
NNE													
NE	.3	.3	.4									1.1	4.9
ENE	2.3	1.1	.5	.2	.4							4.5	5.7
E	4.9	8.9	3.5	1.2	.1	.1						15.8	5.7
ESE	1.5	3.5	1.6	1.3	.4	.1		.3				8.8	8.2
SE	1.1	1.2	1.6	1.7	1.5	.6	.1	.4				8.3	13.0
SSE	.2	.3	1.2	1.4	.8	.6		.1				4.6	14.2
S	.5	.2	.1									.9	3.8
SSW	.2	.1		.1								.4	6.5
SW	.6	.2										.9	2.6
WSW	1.3	.6	.1									2.0	3.6
W	3.2	2.2	.6									6.0	3.7
WNW	.1	.1	.1									.3	4.7
NW	.2	.5										.8	3.7
NNW	.3	.2	.4									1.0	5.1
VARBL	.8	.4										1.2	2.6
CALM												39.5	
	17.7	20.3	12.4	6.7	3.3	1.5	.1	.9				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

2
J. RAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GI STATION NAME 69-70, 73-80 YEARS ALL MONTH 600-600
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.3
NNE	.2		.2	.1	.1							.6	8.3
NE	.4	.4	.6	.1	.1							1.7	6.8
ENE	1.5	1.7	1.2	.3								4.0	5.2
E	4.3	4.7	2.6	1.6	.4	.3	.1					13.3	6.9
ESE	1.7	1.3	1.1	.8	.3	.2	.2	.2				5.4	10.1
SE	.3	.6	2.9	2.0	1.3	.5	.4	.3				8.5	14.2
SSE	.1	.4	1.2	1.3	.5	.3	.2					4.1	13.6
S	.2		.4	.1	.2							1.0	9.9
SSW	.1	.1		.1								.3	6.7
SW		.1		.1								.2	8.0
WSW	1.3	1.3	.3	.2	.1							3.2	4.8
W	6.0	5.3	1.1	.1								12.5	4.0
WNW	.5	.5	.1									1.2	4.0
NW	.3	.1										.4	2.5
NNW	.6	.1	.3									1.1	4.5
VARBL	1.4	.5										1.9	2.6
CALM												40.1	
	13.9	15.9	12.2	6.9	3.1	1.4	1.0	.5				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 69-71,73-80 YEARS 1970-1980 MONTH ALL
CLASS ALL WEATHER
CONDITION 1900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2		.1								.3	8.7
NNE	.2		.1									.3	4.0
NE	.4	.1	.3	.2	.1							1.2	7.5
ENE	.3	.2	.8	.3								1.6	7.9
E	.5	2.2	1.7	1.4	.5	.3						6.7	9.5
ESE	.1	.9	.4	.8	.9	.6		.1				3.8	14.8
SE	.2	.4	1.4	2.7	2.2	1.1	.3	.4				8.7	16.4
SSE	.2	.4	.5	2.0	1.1	.1	.2	.1				4.7	14.1
S	.2	.3	.1	.1	.3							1.1	9.8
SSW		.1										.1	6.0
SW	.6	.1			.1							.9	4.1
WSW	4.6	2.4	.4	.1								7.5	3.4
W	15.2	14.2	1.7									31.1	3.7
WNW	1.1	1.9	.5									3.5	4.6
NW	.3	.9	.2									1.4	4.5
NNW	.2	.5	.2									1.0	5.1
VARBL	1.4	.9	.1	.1								2.5	3.7
CALM												23.7	
	25.7	25.7	8.6	7.8	5.2	2.2	.5	.6				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INULE A-61 STATION NAME 62-70, 73-80 YEARS 1962-1980
CLASS ALL WEATHER MONTH 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2	.1		.1						.1	10.8
NNE		.2	.2	.2								.6	9.2
NE	.3	.1	.6	.1	.1							1.3	7.6
ENE	.1	.3	.5	.4	.1		.1					1.6	10.2
E	.4	1.0	1.6	1.3	.6	.2		.1				5.3	11.3
ESE		.1	.5	1.0	.8	.4	.2					3.0	10.7
SE	.1	.6	1.4	1.9	2.5	1.7	.3	.6				9.2	17.9
SSE		.4	1.3	2.0	1.4	.2	.1					5.5	13.9
S	.1	.3	.3	.4								1.2	8.5
SSW													
SW	.2	.1	.1	.1								.5	6.0
WSW	4.6	3.4	1.2									9.2	3.9
W	14.0	22.0	4.3	.1								40.4	4.3
WNW	2.4	3.1	.4									5.9	3.9
NW	.9	1.3	.3									2.5	4.3
NNW	.1	.1	.3									.5	2.6
VARB	.8	.2	.1	.1								1.2	4.1
CALM												11.4	
	24.1	33.4	13.5	7.8	5.5	2.7	.8	.8				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRIPLE AS GI STATION NAME 69-70.73-20 YEARS ALL
CLASS ALL WEATHER MONTH 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	.1									.3	4.5
NNE	.1	.1										.2	2.5
NE	.1	.2	.2	.1								.6	6.5
ENE	.3	.2	.4	.3	.1	.1						1.5	9.4
E	.4	1.2	1.7	1.3	.3	.3						5.3	10.2
ESE	.1	.2	.3	.9	1.0	.6	.2					3.3	17.1
SE	.1	.3	1.0	2.6	1.9	1.0	1.1	.3				8.3	10.3
SSE	.1	.3	1.6	1.8	1.6	1.0	.1					8.6	14.8
S		.2	.1	.6								1.3	10.4
SSW	.1	.1										.2	3.0
SW	.3	.2										.5	2.9
WSW	4.2	3.7	2.0	.2								10.1	4.8
W	15.9	22.4	4.8									43.1	4.2
WNW	2.4	2.7	.1									4.5	3.7
NW	.3	.5	.3									1.2	4.8
NNW	.1	.4	.4									1.2	8.4
VARBL	.2	.0	.1	.1								1.1	5.5
CALM												10.7	
	25.1	33.3	13.3	2.0	5.0	3.0	1.4	.3				103.0	6.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATL. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 19705 CHULE AG GL STATION NAME 60-71,73-80 YEARS 1900-2000 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5		.1			.1					1.3	6.5
NNE		.1										.1	5.0
NE	.2	.1	.2									.5	5.4
ENE	.3	.4	.5	.3			.1					1.7	8.6
E	.2	1.6	1.8	.9	.3							5.4	8.2
ESE	.2	.3	.8	.5	.4	.1	.1		.1			2.6	14.2
SE		1.0	2.2	2.6	2.6	1.0	.6	.1	.2			1.2	16.0
SSE	.2	.3	1.3	2.0	1.9	.2						.2	13.9
S	.1	.1	.4	.2								.2	8.4
SSW	.1	.1										.2	3.0
SW	.5	.1	.1									.8	3.6
WSW	4.5	1.8	1.1									7.4	3.7
W	17.3	16.1	2.0									35.5	3.7
WNW	1.4	1.3										2.7	3.5
NW	.2	.6	.2									1.1	4.6
NNW	.2	.6	.1									1.1	4.7
VARBL	1.0	.1	.1									1.2	2.6
CALM												21.4	
	27.6	25.5	10.9	6.7	5.3	1.3	1.0	.1	.3			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INULE AB GU STATION NAME 69-70, 73-80 YEARS Aug
MONTH 100-2300
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.1									.3	4.1
NNE		.2										.2	4.7
NE	.1	.3	.2	.2								1.5	7.9
ENE	.9	.8	.8	.4	.1							2.9	6.9
E	2.6	3.3	2.9	1.1	.2							10.1	6.7
ESE	1.3	1.6	.9	.6	.5		.1	.1				3.2	8.7
SE	.6	.8	1.7	2.6	1.4	.5	.2	.2				6.1	13.6
SSE	.4	.3	1.1	1.8	1.0	.4	.1	.1				5.3	13.8
S	.4	.1		.3	.1		.1					1.1	9.7
SSW	.2		.1									.3	4.7
SW	1.2	.6										1.8	3.2
WSW	1.7	.3	.6									3.1	4.3
W	8.7	6.2	.6	.1				.1				15.8	3.7
WNW	2.8	.6										3.4	2.5
NW	1.0	.8										1.7	3.4
NNW	.2	.5	.1									.9	4.5
VARBL	1.1	.1										1.2	2.2
CALM												36.7	
	23.5	17.4	9.8	7.2	3.3	1.0	.5	.5				100.7	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1760 STATION THULE AB GI STATION NAME 69-70, 73-80 YEARS ALL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.1	.1	.2	.2	.2					.2	6.6
NNE	.1	.1	.1	.0	.0							.3	6.7
NE	.3	.3	.5	.1	.0							1.2	6.7
ENE	.8	.9	.7	.3	.1	.0	.0					2.8	6.9
E	2.3	3.8	2.3	1.3	.3	.2	.0	.0				10.2	7.2
ESE	.8	1.3	.8	.9	.6	.3	.1	.1	.0			4.2	11.0
SE	.3	.3	1.8	2.2	1.7	.2	.4	.3	.0			8.7	15.5
SSE	.2	.4	1.2	1.7	1.1	.4	.1	.0				5.1	13.5
S	.2	.2	.2	.2	.1		.0					1.0	8.8
SSW	.2	.1	.0	.0								.3	4.3
SW	.5	.2	.0	.0	.0							.3	3.7
WSW	3.0	1.2	.7	.1	.2							5.7	4.0
W	10.5	11.3	1.9	.0				.0				23.6	3.9
WNW	1.4	1.3	.2									2.8	3.7
NW	.5	.6	.1									1.3	4.0
NNW	.3	.4	.3									.2	5.1
VARBL	.9	.4	.1	.0								1.4	3.2
CALM												28.2	
	22.6	24.0	11.1	7.0	4.0	1.9	.7	.5	.1			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17605 STATION THULE AB GL STATION NAME 69-70,73-80 YEARS SEP MONTH
ALL WEATHER CLASS 0000-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.0
NNE		.1	.2									.3	7.3
NE	.4	.4	.6	.1								1.6	6.1
ENE	1.3	2.3	1.9	.3								5.9	5.9
E	2.0	14.4	7.8	1.7	.3		.1					32.3	5.9
ESE	5.2	6.3	3.2	1.3	.7	.2	.1	.2				17.4	6.8
SE	1.8	2.3	2.7	3.1	1.2	.9	.2	.1				12.4	11.0
SSE	.6	.7	1.2	1.4	.8	.3	.1					5.1	12.0
S	.6	.6	.4									1.6	4.7
SSW	.2	.2	.1									.6	4.8
SW	.3	.2	.1		.1							.8	5.9
WSW	.3	.3	.1		.1							.9	5.6
W	.8	.4	.1	.3								1.7	5.5
WNW	.2	.2	.1	.1								.7	5.5
NW	.1		.1									.2	5.5
NNW	.2	.1	.1									.4	5.0
VARBL	.4	.4										.9	3.5
CALM												17.1	
	20.8	29.2	13.8	8.5	3.2	1.4	.6	.3				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 896

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 69-71.73-80 YEARS SEP
CLASS ALL WEATHER MONTH 0300-0500
CONDITION 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.2									.6	5.6
NNE		.2	.1									.3	6.3
NE	.6	.6	.9	.1								2.1	6.1
ENE	1.1	4.1	.9		.3							6.3	5.6
E	5.7	16.5	9.0	2.0	.6	.2		.1				34.0	6.4
ESE	3.9	5.9	4.3	1.3	.9	.1		.3				16.4	7.3
SE	1.2	1.7	2.1	2.2	1.6	.6	.6					9.9	11.9
SSE	.7	1.1	1.4	1.4	1.7	.3						6.7	11.7
S	.4	.7	.7	.1	.1							2.6	6.7
SSW		.2	.1									.3	6.3
SW	.2	.2	.1									.6	4.0
WSW	.2	.1										.3	3.0
W	.9	.3	.4	.3								2.4	5.5
WNW	.1		.1									.2	5.0
NW		.1	.2									.3	6.7
NNW		.2	.1									.3	7.6
VARBL	.8	.2										1.0	2.2
CALM												15.7	
	15.9	32.7	27.8	7.6	5.1	1.2	.6	.4				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE A3 GL STATION NAME 69-70, 73-80 YEARS SEP
MONTH SEP
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.1									.7	4.8
NNE	.1	.1	.2									.4	6.5
NE	.2	.2	.2	.1								.8	6.6
ENE	1.8	3.0	.4	.7	.1	.1						6.1	6.0
E	7.2	16.3	8.7	1.1	.7	.2						34.2	5.9
ESE	3.3	6.1	3.8	2.0	.7	.4	.1	.2				16.3	8.7
SE	1.6	1.7	2.1	2.6	.2	.3	.1					8.6	9.4
SSE	.7	.9	1.6	.8	1.3	.6						5.8	11.8
S	.3	.7	.7	.6	.1							2.3	6.5
SSW	.1	.2										.3	3.7
SW	1.1	.2	.1		.1							1.6	4.1
WSW	1.0	.7	.3			.1						2.1	5.0
W	.8	.7	.3	.2								2.7	5.3
WNW	.1	.2	.1									.4	5.7
NW	.1	.4	.1									.7	5.2
NNW	.1	.1		.1								.3	6.7
VARBL	.6	.2										.8	3.7
CALM												16.6	
	19.3	32.1	18.4	8.1	3.2	1.8	.2	.2				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GI STATION NAME 69-70, 73-80 YEARS S.P.
ALL WEATHER 1960-1961
 CLASS NORTH
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	6.0
NNE	.2	.1	.3	.1								.8	6.9
NE	.2	.9	.9	.2	.2							2.3	8.3
ENE	1.1	2.0	.7	.4	.1							4.3	6.1
E	7.1	11.8	5.0	1.0	.3	.1						25.3	5.4
ESE	2.4	5.8	2.4	1.4	.3	.6	.2	.2		.2		13.7	8.9
SE	1.2	1.4	1.3	1.9	.4	.6	.4	.1				7.4	11.5
SSE	.4	1.9	1.1	2.4	1.1	.4						7.4	11.5
S	.9	.6	.6	.1								2.1	5.2
SSW	.2	.2										.4	3.5
SW	.8	.2	.2									1.2	3.7
WSW	.9	.8	.2									1.9	3.9
W	1.7	2.0	.2									5.9	3.1
WNW	.3	.4	.6	.1	.1							1.6	7.4
NW	.1	.9	.2	.1								1.3	6.2
NNW	.1	.1										.2	4.0
VARB	.4	.3	.1									.9	4.5
CALM												23.0	
	20.2	29.4	13.9	7.9	2.7	1.7	.7	.3		.2		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17805 THULE AB GI STATION NAME 69-70,73-80 YEARS SLP
CLASS ALL WEATHER MONTH 1270-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.5	3.2
NNE		.1	.1									.2	4.0
NE	.3	.7	.9	.1								2.0	6.6
ENE	.7	1.6	1.4	.8	.2							4.7	7.7
E	3.9	6.6	2.4	1.6	.1			.1	.1			14.8	6.4
ESE	1.6	3.8	2.4	1.8	1.1	.2	.2	.2				11.3	9.6
SE	.8	2.0	2.7	1.6	1.2	.8	.1	.1				9.2	11.5
SSE	.9	.9	1.6	1.7	1.1	.1	.1					6.3	11.1
S	.2	.7	.6									1.4	6.2
SSW	.6	.4	.1									1.1	4.0
SW	1.0	1.3										2.3	3.6
WSW	2.8	.9	.3									4.0	3.3
W	9.8	6.9	.4	.3								17.4	3.6
WNW	1.0	.3	.2	.1								1.7	4.3
NW	.6	.7	.2	.2								1.7	5.4
NNW	.3	.3	.2									.9	5.1
VARBL	.8	.6										1.3	3.2
CALM												19.0	
	25.4	27.9	13.7	8.1	3.8	1.1	.4	.4	.1			106.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AFB STATION NAME 69-70, 73-80 YEARS 5, 6
CLASS ALL WEATHER MONTH 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	3.0
NNE	.1	.2										.3	3.3
NE	.5	1.0	.2	.1								1.9	4.8
ENE	.8	1.2	1.1	.7	.1		.1					4.0	7.6
E	2.9	6.0	3.0	1.1	.3	.2	.1					13.7	6.7
ESE	2.6	2.4	1.4	1.6	.7	.6		.3				9.6	9.3
SE	1.3	1.6	2.7	2.9	.6	.3	.4	.1				9.9	11.0
SSE	.6	.4	2.3	1.7	.8	.2						6.6	10.2
S	.9	.7	.2	.2								2.0	4.9
SSW	.6		.2	.2								1.1	6.0
SW	.8	.8	.2									1.6	3.7
WSW	2.6	2.2	.7	.2								5.7	4.3
W	8.8	9.0	1.0	.2								19.0	3.8
WNW	.8	1.0	.2	.2								2.2	4.7
NW	.4	.7	.4	.4								2.0	6.6
NNW	.3	.3										.7	3.2
VARBL	.7	.1	.2									1.0	4.0
CALM												18.6	
	25.0	28.0	14.0	9.6	2.4	1.3	.7	.4				103.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17-00 THULE AB GL STATION NAME 69-70, 73-80 YEARS SEP
MONTH 1870-2000
HOURS (L.S.T.)
CLASS ALL FEATHERS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	3.1
NNE	.1		.1									.2	5.5
NE	.3	.2	.6									1.1	6.2
ENE	1.6	1.3	1.1	.3	.1							4.4	5.8
E	4.0	10.9	4.6	.9	.6	.4		.2				21.6	6.6
ESE	2.6	3.2	1.8	1.2	.7	.6	.1					10.1	8.1
SE	1.7	1.9	2.3	2.7	.7	.4	.4					10.1	10.5
SSE	.7	.8	2.1	2.1	1.2		.4					7.3	12.0
S	1.1	.8	.4	.2	.1							2.7	5.6
SSW		.4	.3	.2								1.0	7.6
SW	1.0	.3	.1	.2								1.7	4.7
WSW	2.1	1.7		.4								4.2	4.5
W	6.9	2.9	.3									10.1	3.2
WNW	.7	.4										1.1	3.1
NW	.2	.6										.8	4.0
NNW													
VARBL	.7	.2	.1									1.0	3.3
CALM												22.3	
	23.8	25.7	13.9	8.3	3.3	1.4	1.0	.2				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7805 THULE AB GI STATION NAME 69-70.73-60 YEARS SEP MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.1									.6	3.6
NNE	.2		.1									.3	5.0
NE	.2	.4	.2	.3								1.2	7.5
ENE	.8	2.7	1.4	.1								4.3	6.0
E	6.7	13.3	6.2	1.1	.1	.1	.1					27.7	5.6
ESE	4.0	6.2	3.7	.7	.1	.3	.2	.1				15.3	6.7
SE	2.4	2.0	2.3	2.4	1.1	.8	.8	.2				12.1	11.6
SSE	.6	1.1	1.7	2.2	.8	.1	.2					6.7	11.5
S	.6	1.0	.6	.1		.1						2.3	6.3
SSW	.3	.3	.4									1.1	5.3
SW	.2	.7	.1									1.0	4.6
WSW	.7	.7	.1	.2								1.7	4.6
W	2.1	1.1	.1	.2								3.6	3.9
WNW	.6	.1	.3	.1								1.1	5.5
NW	.1		.3									.4	7.3
NNW	.2	.1										.3	3.3
VARB	.7	.1										.8	2.6
CALM												19.4	
	20.8	29.2	17.8	7.6	2.1	1.4	1.3	.3				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 401

2
 CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-00 THULE AB GL STATION NAME 69-70, 73-80 YEARS SEP
ALL WEATHER MONTH
CLASS
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.0
NNE	.1	.1	.2	.0								.4	6.2
NE	.4	.5	.6	.1	.0							1.6	6.6
ENE	1.1	2.2	1.1	.4	.1	.0	.0					5.0	6.3
E	5.7	12.7	5.6	1.3	.4	.2	.0	.1	.0			25.4	6.0
ESE	3.2	5.0	2.8	1.4	.6	.4	.1	.2		.0		13.8	7.9
SE	1.5	1.6	2.3	2.4	.9	.6	.4	.1				9.9	11.1
SSE	.7	1.0	1.6	1.7	1.1	.3	.1					6.5	11.4
S	.6	.7	.5	.2	.0	.0						2.1	6.1
SSW	.3	.3	.2	.1								.7	5.3
SW	.7	.5	.1	.0	.0							1.4	4.2
WSW	1.3	.9	.2	.1	.0	.0						2.6	4.2
W	4.2	3.7	.4	.2								7.8	3.7
WNW	.5	.3	.2	.1	.0							1.1	5.1
NW	.2	.4	.2	.1								.9	6.0
NNW	.2	.2	.1	.0								.4	4.8
VARB	.6	.3	.1									1.0	3.3
CALM												19.0	
	21.4	29.3	16.4	8.2	3.2	1.4	.7	.3	.0	.0		100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7197

2
JULYAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 69-71.73-80 YEARS 1967
MONTH 1000-0200
CLASS ALL WEATHER
HOURS (L.S.T.) 1000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.4	3.3
NNE	.1		.2									.3	6.3
NE	.1	.1	.2	.4								.9	9.3
ENE	.8	2.8	2.2	.5	.2							6.5	6.9
E	4.3	19.0	18.5	1.6	.5	.1	.1					44.2	6.9
ESE	1.1	5.8	8.5	2.4	.5	.5	.4					12.3	6.9
SE	.6	1.6	1.4	1.6	1.4	.9	.4	.3				.3	14.6
SSE	.5	.3	1.7	1.1	.5		.2	.1				4.5	11.8
S	.4	1.1	.4	.1	.1							2.2	6.0
SSW													
SW	.1	.5	.8									1.4	5.9
WSW	.2	.8	.4									1.4	5.7
W	.1	.3	.2	.3								1.4	6.5
WNW		.1										.1	6.0
NW		.1										.1	5.6
NNW	.2	.3	.1									.6	4.7
VARBL	.4	.8	.1									1.3	4.1
CALM												7.1	
	2.3	34.3	34.8	2.1	3.3	1.5	1.2	.4				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 928

2

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRIPLE AB GL STATION NAME 69-70, 73-03 YEARS 69-70, 73-03 MONTH 01

CLASS ALL WEATHER HOURS (L.S.T.) 000-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	0.0
NNE													
NE	.2	.3	.2	.3								1.1	7.4
ENE	1.3	2.3	1.6	.4	.3							5.5	8.5
E	3.5	18.1	12.3	1.7	.8	.3						42.7	7.0
ESE	1.2	5.1	7.4	2.4	.6	.3	.1	.3				17.4	9.0
SE	.5	1.8	2.7	2.2	1.3	.3	1.1	.1	.2			1.2	13.5
SSE	.3	1.3	1.2	1.2	.2	.1						4.3	9.1
S	.7	1.1	.4	.1	.3							.3	4.1
SSW		.1	.5									.4	7.5
SW	.1	.5	.2									.9	5.1
WSW	.4	1.7	.3									1.7	4.0
W	.5	.4	.3	.2								1.5	5.0
WNW		.3	.1		.1							.5	9.0
NW													
NNW	.1											.1	2.0
VARBL	.2	.5										1.4	3.5
CALM												3.7	
	2.5	33.4	33.3	5.5	3.7	1.1	1.2	.4	.2			100.1	7.4

TOTAL NUMBER OF OBSERVATIONS 930

2
 NATIONAL CLIMATOLOGY BRANCH
 WFO/TAC
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TWILL AFB STATION NAME 68-70,73-60 YEARS 68-70 MONTH SEP
 CLASS ALL WEATHER
 HOURS (L.S.T.) 500-1800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	2.1
NNE			.1	.1								.2	1.1
NE	.4	.2	.3	.2	.1							1.7	6.0
ENE	.0	4.1	1.4	.4	.1							5.6	8.7
E	1.6	17.3	17.3	2.0	.6	.3	.2	.1				41.5	7.3
ESE	1.4	7.3	3.6	1.7	1.2	.3	.8					21.3	8.9
SE	.9	2.1	2.2	1.3	1.2	1.1		.4				9.1	12.6
SSE	.4	1.5	.9	2.2	.4	.3						5.7	10.6
S	.1	.5	.5	.1								1.3	6.7
SSW	.2	.2										.4	3.3
SW	.1	.5	.1									.7	5.7
WSW	.7	.5	.6									1.8	5.7
W	.2	1.2	.4	.3								2.2	6.5
WNW													
NW													
NNW													
VARBL	1.7	.4	.1		.1							1.5	4.6
CALM												5.3	
	2.8	36.1	33.1	8.4	3.8	2.0	1.0	.5				103.0	7.7

TOTAL NUMBER OF OBSERVATIONS 922

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GL STATION NAME 62-70, 73-80 YEARS 001
MONTH 1900-1100
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3											.3	1.7
NNE		.2	.1									.3	6.7
NE	.1	.5	.2	.2								1.2	6.7
ENE	1.9	2.4	1.5	.8	.2	.1						6.9	6.6
E	3.5	16.7	17.6	1.7	1.7	.1	.2	.1				41.0	7.2
ESE	1.3	6.9	7.2	.6	.5	.6		.1	.1			17.4	8.3
SE	.9	2.2	2.7	3.0	1.0	.5	.2	.1				1.5	11.6
SSE	.3	.5	1.8	1.7	.5	.5	.2					5.7	12.7
S	.2	.2	.6	.2	.1							1.9	7.8
SSW	.2		.5	.1								1.0	6.9
SW	.2	.5	.3	.1								1.3	5.5
WSW	.3	.4	1.0	.4								2.2	7.1
W	.4	.1	.6	.3	.1							1.5	8.4
WNW			.1									.1	8.0
NW			.1									.1	8.0
NNW													
VARBL	.6	.2	.1									1.2	3.3
CALM												7.3	
	11.5	31.6	34.6	9.2	3.4	2.2	.6	.3	.1			106.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRULL AB GL STATION NAME AG-70,73-80 YEARS 1967
MONTH 12
CLASS ALL WEATHER
HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1		.1									.2	5.0
NNE			.1									.1	1.0
NE	.5	.3	.5	.2								1.7	6.0
ENE	2.3	3.0	1.7	.2								7.2	5.4
E	4.6	13.7	15.6	2.8	1.2	.2	.5	.1				43.2	7.3
ESE	1.5	7.8	5.9	1.2	.5	.3	.3					17.4	7.7
SE	.2	2.6	3.4	1.2	.9	.8	.5					9.6	11.5
SSE	.3	.5	1.5	1.6	.3	.1						4.4	10.3
S	.4	.6	.6	.3	.1							2.2	7.7
SSW	.2	.5	.1									.9	4.8
SW	.2	.4	.5	.1								1.3	7.5
WSW	.2	.4	.3	.1	.1							1.5	7.3
W	.3	.3	.3	.9								2.3	8.1
WNW	.1	.1		.1								.3	7.7
NW		.1										.1	4.2
NNW													
VARBL	.5	.2										.6	2.9
CALM												.0	
	11.7	36.5	31.0	8.7	3.1	1.4	1.4	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AFB GL STATION NAME 69-70, 73-80 YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	3.0
NNE		.2	.1									.3	5.7
NE	.2	.5	.4	.2								1.4	7.0
ENE	1.1	3.1	2.2	.6	.1							7.1	6.7
E	4.3	13.0	16.5	1.9	.7	.2	.2	.1				42.1	6.9
ESE	1.3	5.2	6.6	1.5	1.0	.8	.3	.1				16.7	9.2
SE	1.2	1.7	1.9	1.0	1.5	1.1	.4	.2				9.8	12.7
SSE	.1	.5	1.8	1.4	.2							4.1	10.1
S	.4	.8	1.7	.1	.1							3.4	6.6
SSW	.1	.4	.9	.3								1.5	7.5
SW	.3	.8	.5	.3								1.9	6.3
WSW	.4	.9	.2	.1	.1							1.7	5.9
W	.5	.6	1.1	.2								2.7	6.4
WNW	.2		.3									.5	6.6
NW	.2	.1										.3	2.7
NNW	.1	.1										.2	4.0
VARBL	.2	.3										1.7	4.7
CALM												6.7	
	11.6	33.8	33.4	7.8	3.3	2.0	1.0	.4				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

2
JULY CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INULE AB GL STATION NAME 69-70, 73-80 YEARS 1969-70
CLASS A-1 WEATHER MONTH 1969-70
CONDITION 1800-2100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1									.4	4.3
NNE		.2										.2	5.0
NE	.3	.9	.8	.6								2.6	7.8
ENE	1.4	2.0	2.0	.5	.1							6.1	6.4
E	4.4	21.1	15.5	1.3	1.7	.6	.4					43.3	7.1
ESE	1.7	4.3	7.3	1.7	1.3	.4	.5	.1				17.1	9.4
SE	.4	2.1	1.4	1.1	1.4	1.3	.5	.3				6.5	14.7
SSE	.1	1.0	1.4	1.6	.2	.4						4.7	11.1
S	.1	1.2	1.0	.1	.1							2.5	7.7
SSW		.4	.5									1.0	7.0
SW	.2	.2	.5									1.0	6.0
WSW	.3	.8	.5	.1								1.7	6.2
W	.3	1.3	1.2	.2								2.7	6.2
WNW	.1	.2										.3	3.3
NW	.1	.3										.4	4.3
NNW													
VARBL	.5	.2	.1									.9	3.5
CALM												2.6	
	10.2	35.1	32.4	7.3	3.8	2.8	1.5	.4				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 935

2
JULYAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 69-70, 73-74 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.1	7.5
NNE			.1									.1	10.0
NE	.5	.4	.1	.4								1.5	6.7
ENE	1.1	2.4	1.0	.1	.1							4.6	5.5
E	4.7	19.7	17.0	2.5	.8	.3	.1					44.3	7.1
ESE	1.6	7.7	7.6	1.2	.8	.5	1.1	.1				12.9	9.2
SE	.4	1.9	2.5	2.4	.5	.9	1.2	.1				9.9	13.6
SSE	.3	.4	1.0	.9	.4	.1						3.1	10.7
S	.4	1.2	.5	.4	.3							2.9	7.7
SSW	.1	.3		.1								.5	5.5
SW	.3	.2	.4	.3								1.3	7.6
WSW	.6	1.0	1.0									2.6	5.6
W	.2	.3	.8									1.3	6.3
WNW		.2	.2									.4	7.7
NW	.1	.1	.1	.1								.4	6.5
NNW		.2	.2									.4	6.5
VARB	.2	.2										.4	3.3
CALM												0.0	
	10.0	35.6	32.7	2.4	2.9	1.8	2.4	.2				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS 7434

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 69-70, 73-80 YEARS NOV
MONTH 000-020
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.3		.1									.4	4.0
NE	.4	.6	.4	.3	.1							1.8	7.3
ENE	1.1	4.8	1.1	.4	.1		.1					7.7	6.0
E	3.3	12.2	18.6	1.6	.7	.2						43.4	6.9
ESE	1.4	5.2	9.7	2.4	1.0	.1	.2	.2				20.4	4.7
SE	.3	2.2	3.3	1.7	1.1	.6	.4	.3				11.1	12.2
SSE	.1	.4	.6	1.8	.8	.4						4.1	13.6
S	.2	.8	.2	.3								1.6	6.9
SSW	.1	.2	.1									.4	4.3
SW	.2		.3	.1								.7	7.3
WSW	.1	.1	.6	.3								1.1	4.1
W	.1	.2	.1	.2								.7	7.5
WNW													
NW													
NNW	.1			.2	.1							.4	12.0
VARBL	.4	.3	.1									.2	3.6
CALM												6.3	
	1.5	33.9	35.3	9.5	3.9	1.3	.8	.6				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 899

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1710 THULE AB GL STATION NAME 69-70, 73-80 YEARS 40 MONTH 7-12-1950
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1	.2	.1							.5	13.2
NNE		.1										.1	5.0
NE	.3	.6	.1	.6								1.6	7.2
ENE	1.0	4.5	1.9	.1		.1	.1					5.1	6.3
E	3.0	13.6	19.5	2.3	.3	.3	.2					44.3	7.2
ESE	1.2	5.5	8.5	1.9	1.1	.3	.1	.3				15.9	6.9
SE	.7	1.7	2.4	1.6	1.3	.9	.3	.3	.1			7.3	13.5
SSE	.3	.4	.6	1.3	.9	.3	.2		.1			4.4	14.5
S	.3	.2	.3	.6	.1							1.6	9.2
SSW			.1									.1	6.5
SW	.1	.4	.4	.2								1.2	7.5
WSW	.4	.4	.2	.3								1.4	6.3
W	.4	.3	.3									1.1	5.0
WNW		.1										.1	4.0
NW	.3											.3	1.7
NNW	.1	.1										.2	4.2
VARBL	.3	.1	.1	.1								.7	5.0
CALM												5.7	
	3.0	32.7	34.8	9.2	3.9	2.5	1.0	.7	.2			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 699

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB DL STATION NAME 69-73, 73-80 YEARS 80
ALL WEATHER CLASS 600-600 MONTH 600-600
 CONDITION 600-600 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2										.2	5.3
NNE		.1										.1	4.0
NE	.3	.7	.4	.1								1.5	5.9
ENE	1.8	4.6	1.7	.4	.1							8.6	5.7
E	4.0	17.6	23.3	2.9	.6							45.3	7.1
ESE	1.3	5.7	9.7	1.1	1.0	.3	.2	.2	.2			19.8	9.2
SE	.3	1.2	3.0	1.0	.7	.4	.6	.3	.1			7.7	13.5
SSE		.3	.6	1.4	.3	.3	.2					3.7	13.5
S	.1	.3	.3		.1							.9	7.5
SSW		.3										.1	5.3
SW		.4	.3	.1								.9	6.5
WSW	.4	.4	.9									1.3	6.4
W	.2	.4	.2	.1								1.1	6.6
WNW		.1										.1	5.0
NW	.1	.1										.2	4.0
NNW		.1										.1	6.0
VARBL	.3	.2	.6									1.1	5.5
CALM												6.3	
	2.1	33.5	38.0	7.2	2.8	1.1	1.0	.6	.3			101.0	7.6

TOTAL NUMBER OF OBSERVATIONS 892

2
JL. MAL CLIMATOLOGY BRANCH
AFETAC
AF. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRIPLE A-61 STATION NAME 69-70,73-80 YEARS NOV
CLASS ALL WEATHER MONTH NOV
CONDITION 1900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.7		.3	.1								.7	7.5
NE	.6	.7	.3	.3	.3							.2	7.7
ENE	1.9	3.3	2.2	.2	.2							7.9	6.1
E	3.6	18.2	18.2	2.5	.8	.6	.1					43.2	7.1
ESE	.9	4.6	2.4	1.2	.4	.3	.4	.2	.1			17.7	9.4
SE	.4	2.7	2.3	1.7	.9	.2		.2				.4	10.5
SSE	.1	.3	1.0	1.3	.3	.1	.1			.2		.6	14.5
S	.1	.2	.6									.8	7.2
SSW		.3	.1									.4	5.0
SW		.4	.2									.7	6.0
WSW	.5	.6	.1	.1								1.6	4.1
W	.3	.3	.2	.1								1.0	6.0
WNW	.2	.1		.1								.4	5.3
NW	.1		.1									.2	5.0
NNW		.1		.2	.1							.4	14.5
VARBL	.7	.4	.1									1.2	3.6
CALM												9.4	
	10.1	32.1	35.1	7.4	3.1	1.2	.7	.4	.1	.2		100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INULE AB GL STATION NAME 69-70, 73-80 YEARS 1969-1980 MONTH 1200-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	.1										.2	3.5
NNE				.1		.1						.2	18.5
NE	.6	1.2	.2	.4	.7							.7	9.3
ENE	.3	4.3	2.1	.1		.2						7.1	6.5
E	3.9	17.0	13.1	2.3	1.2	.7	.2					43.4	7.4
ESE	.8	5.6	9.7	.9	.2	.3	.2					17.7	8.0
SE	.7	1.2	4.0	2.0	1.0	.7	.4	.2				1.2	12.3
SSE	.1	.4	1.0	1.2	.2					.1		1.1	11.7
S	.2	.2	.1	.1	.1	.1						.3	9.9
SSW		.3	.1	.2								.2	6.7
SW	.1	.3	.1	.1								.7	6.1
WSW	.2	.4	.3	.1								1.1	6.3
W	.7	.4	.2									1.3	4.3
WNW		.1	.1									.2	5.5
NW		.2	.1									.3	6.7
NNW	.1			.2	.1							.4	13.1
VARBL	.3	.2	.2	.1								1.3	4.3
CALM												5.1	
	3.6	32.7	36.4	8.0	3.6	2.1	.9	.2		.1		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 920

U.S. AIR FORCE
 CLIMATE BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRAIL A-3 STATION NAME 69-70, 73-80 YEARS 1969-1970 MONTH 1500-1700
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	.1		.1								.4	5.5
NNE			.1		.1	.1						.3	15.7
NE	.7	.2	.6									.1	5.0
ENE	1.7	2.8	1.4	.8	.2	.2						7.1	7.0
E	1.9	19.6	17.2	2.4	.3	.2		.1				44.3	7.1
ESE	1.3	5.7	7.8	2.0	.3	.4	.2	.3				14.1	4.7
SE	.3	2.0	2.4	1.6	1.2	1.0	.6					8.1	13.7
SSE	.7	.1	1.1	.9	.2	.2						2.9	11.4
S	.1	.3	.3	.2		.1						1.3	8.0
SSW	.1	.2	.1									.4	5.0
SW	.2	.1	.2	.1								.7	6.7
WSW	.6	.3	.1									1.0	3.7
W	.3	.2	.3									.6	5.3
WNW	.1											.1	2.7
NW	.1											.1	2.7
NNW	.2	.1		.2								.2	5.0
VARBL	1.2	.6	.1	.1	.1	.1						2.2	5.6
CALM												3.2	
	11.7	33.0	31.9	8.5	3.0	2.4	.8	.4				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AFB STATION NAME 69-73.73-60 YEARS 1969-1970 MONTH 1969-1970
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1		.2	.1							.2	1.0
NNE													
NE	.2	.3	.7	.1								1.3	6.7
ENE	.9	4.1	1.3	.6	.1							7.0	6.3
E	3.5	14.4	19.9	2.6	.9	.1						41.4	7.2
ESE	1.3	3.1	10.2	2.2	1.3	.2	.2	.4	.2			17.3	13.4
SE	.4	1.7	3.3	1.3	1.0	.6	.1	.4		.1		7.6	12.6
SSE	.3	1.2	1.2	1.6	.9	.3						6.6	11.3
S	.2	.4	.6	.3								1.5	8.1
SSW	.1											.1	3.2
SW	.2	.1										.3	3.1
WSW	.2	.4	.4									1.1	6.6
W	.4	.7	.1									1.2	4.1
WNW	.1											.1	2.1
NW													
NNW			.1		.1							.2	14.0
VARBL	.9	.3	.4									1.7	4.3
CALM												5.0	
	2.1	27.4	38.3	8.9	4.4	1.2	.3	.9	.2	.1		10.0	7.1

TOTAL NUMBER OF OBSERVATIONS 40

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1200 IN 1973 OF 49-73-83 STATION NAME 49-73-83 YEARS 1973 MONTH 12

CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1		.1	.1							.4	8.4
NNE													
NE	.4	.2	.2	.7								.2	7.6
ENE	.8	3.1	1.1	.3	.2	.3						.9	7.2
E	3.1	15.9	12.4	1.6	.4	.1	.1					4.7	7.1
ESE	1.0	5.6	11.2	1.8	1.4	.1	.1	.7				7.9	9.5
SE	.2	2.0	1.8	2.0	.7	.6	.7					.8	11.7
SSE	.2	.4	.7	1.3	.8	.1						.6	12.3
S	.1	.2	.2	.3								.9	8.7
SSW		.2	.1									.3	8.7
SW	.4	.2	.1									.2	4.1
WSW	.2	.3	.3									.2	6.1
W	.1	.3	.1		.1							.7	7.6
WNW	.2		.1									.3	4.3
NW	.2											.2	2.1
NNW	.1	.1		.7	.1							.7	11.2
VARB	1.2	.0	.4									.2	4.7
CALM												.4	
	.7	30.2	35.9	8.4	3.9	1.2	.9	.7				100.5	7.5

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME AG-73, 73-00 YEARS 1964 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.0	.1	.0							.4	5.2
NNE	.1	.0	.1	.0	.0	.0						.2	9.3
NE	.4	.3	.4	.3	.1							2.1	7.7
ENE	1.7	3.9	1.6	.4	.1	.1	.0					7.4	6.3
E	3.6	17.5	18.9	2.2	.7	.3	.1	.0				43.3	7.1
ESE	1.2	5.1	2.5	1.7	.9	.3	.2	.3	.1			13.2	9.2
SE	.4	1.9	2.8	1.6	1.0	.6	.4	.2	.0	.0		7.1	12.4
SSE	.2	.5	.9	1.4	.6	.2	.1		.0	.0		3.9	12.9
S	.2	.3	.3	.2	.0	.0						1.2	8.2
SSW	.2	.2	.1	.0								.4	6.0
SW	.2	.3	.2	.1								.7	6.2
WSW	.4	.4	.4	.1								1.3	5.9
W	.3	.4	.2	.1	.0							1.1	5.4
WNW	.1	.1	.0	.0								.2	4.5
NW	.1	.0	.0									.2	3.5
NNW	.1	.1	.0	.2	.1							.4	11.0
VARBL	.7	.3	.3	.0	.0	.0						1.4	4.5
CALM												7.8	
	2.4	32.0	35.7	8.4	3.6	1.6	.8	.6	.1	.1		100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7105

1. METEOROLOGICAL BRANCH
2. TAC
3. WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TABLE A-5 STATION NAME 69-76, 73-50 YEARS DEC
CLASS ALL WEATHER MONTH DEC-1969
CONDITION 900-1200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.5	2.3
NNE	.2	.1										.3	2.7
NE	.6	1.1	.5		.1							2.4	5.0
ENE	.5	4.7	2.5	.2	.2	.2						7.5	6.5
E	4.6	16.2	19.0	1.7	.2	.1						41.9	6.8
ESE	1.1	7.4	7.5	2.0	.6	.6	.1					19.5	6.2
SE	.4	1.4	2.3	1.7	.9	.5	1.0	.1	.1	.1		.5	14.5
SSE	.2	.3	.8	1.2	1.1	.3	.1					.4	14.7
S		.7	.3			.2						.2	11.2
SSW	.2	.2										.4	3.5
SW	.4	.3										.1	2.7
WSW	.5	.2	.1	.3								1.2	5.1
W	.5	1.7										1.5	3.6
WNW	.2	.2	.1									.5	4.6
NW	.2	.2	.1									.5	4.6
NNW	.1	.4										.5	4.4
VARBL	.4	.6	.1									1.2	4.2
CALM												7.1	
	10.8	34.9	53.3	7.2	3.1	2.0	1.2	.1	.1	.1		100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 93

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 63-70, 73-80 YEARS 1963-1980 MONTH 1300-2500
CLASS ALL WEATHER
CONDITION 1300-2500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.1									.3	3.7
NNE	.1	.1										.2	4.1
NE	.4	1.5	.4	.1								.6	5.5
ENE	1.0	4.1	2.3	.2	.2	.1						7.8	6.6
E	.4	18.9	13.8	2.0	.5			.1				44.3	6.0
ESE	1.2	5.5	3.5	1.6	.4	.6	.1	.3				13.4	9.0
SE	.5	1.6	3.3	1.3	1.1	1.0	.4	.1				9.4	12.6
SSE	.2		.4	1.7	.3	.3	.1					1.1	14.3
S	.3	.3	.1	.1		.2						1.1	9.2
SSW													
SW	.1	.2	.1									.4	4.4
WSW	.3	.5	.1									1.1	4.6
W	.5	.3	.5									1.4	5.3
WNW	.3	.1										.4	3.3
NW	.2	.2	.3									.8	5.1
NNW	.1	.1	.1									.3	5.7
VARBL	1.0	.3	.1									1.4	3.0
CALM												6.6	
	11.0	34.0	35.3	7.1	2.6	2.4	.6	.5				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 93

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17015 IMULE AB 51 STATION NAME AS-73,73-93 YEARS 0-6 MONTH 0-6
CLASS ALL WEATHER
CONDITION 1600-2800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.2
NNE		.2										.2	4.3
NE	1.1	1.2	.3	.2								3.4	4.9
ENE	.9	3.2	2.5	.4	.1	.2			.1	.1		7.5	8.4
E	4.6	20.3	16.2	1.9	.2	.1			.1			43.5	6.6
ESE	1.0	6.9	9.1	1.4	.5	.4	.2					19.6	8.2
SE	.5	1.3	3.7	1.3	1.6	1.2	.8	.3				10.1	14.4
SSE	.2	.4	1.0	.9	.9	.2						3.5	12.3
S		.2	.3	.1	.4	.2						1.3	14.1
SSW	.1	.1										.2	4.2
SW	.1	.2										.3	3.0
WSW	.1	.2										.3	3.3
W	.2	.1										.3	2.7
WNW	.1	.3										.4	4.5
NW	.1	.5	.1									.6	4.7
NNW		.2	.1									.3	6.7
VARBL	1.2	.5	.1									1.6	3.2
CALM												6.0	
	17.4	36.3	32.8	6.2	3.8	2.4	1.0	.3	.2	.1		173.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 62-72, 73-80 YEARS 1930-1931 MONTH 1930-1931
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.1	.1	.2	.1								.5	7.2
NE	1.2	1.7	.9			.1						3.7	5.5
ENE	1.6	3.4	2.2	.6	.2	.1						6.2	6.5
E	3.8	18.4	12.5	2.4	.3	.2						44.5	6.8
ESE	1.0	4.6	9.1	2.3	.3	.2	.2					13.8	8.1
SE	.4	1.3	1.0	1.2	1.5	.8	1.0	.3				5.5	15.2
SSE	.1	.3	.5	1.6	.8	.5	.2	.1				4.2	15.7
S			.4	.1	.1							.6	11.2
SSW		.1	.2									.3	7.7
SW	.5	.5										1.1	3.7
WSW	.3	.2		.1								.6	4.3
W	.2	.9										1.1	4.1
WNW	.1	.1										.2	3.0
NW		.1										.1	4.0
NNW		.1										.1	3.0
VARBL	1.2	.5	.3									2.0	3.6
CALM												5.9	
	11.5	33.0	34.3	8.4	3.2	1.9	1.4	.4				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 93.1

NAVAL CLIMATOLOGY BRANCH
 WETAC
 WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14011 A. G. STATION NAME 69-73,73-53 YEARS DEC
ALL WEATHER MONTH 1200-1400
 CLASS CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	4.1
NNE	.1			.1								.2	5.0
NE	.4	1.2	.2									2.4	5.4
ENE	1.4	4.1	2.8	.2		.3						8.8	6.7
E	4.9	19.5	18.1	1.2	.8	.2						44.6	6.7
ESE	1.9	5.4	8.6	1.9	.9	.3		.2				19.2	8.4
SE	.1	1.3	2.2	2.0	1.2	1.0	.4	.5		.1		11.8	15.6
SSE	.2	.2	.2	1.1	.6	.3	.3	.2				3.2	16.9
S	.1	.3	.3	.4	.1							1.3	9.3
SSW	.2	.3										.1	3.6
SW	.2		.1									.3	4.7
WSW	.2	.4	.2	.2								1.1	5.3
W	.8	.4										1.2	3.1
WNW													
NW	.1	.1										.2	2.5
NNW	.1	.1										.2	3.7
VARB	1.3	.5	.3									2.2	3.7
CALM												5.6	
	12.2	34.7	33.5	7.2	3.5	2.2	.8	1.0		.1		100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 933

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1760 THULE A3 SL STATION NAME 69-70, 73-50 YEARS 1969-1970 MONTH 1500-1700
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1										.5	1.9
NNE			.1									.1	2.0
NE	.6	1.6	.3	.3	.1							.3	6.4
ENE	.8	3.7	1.8	.4	.2							.2	6.7
E	4.6	22.6	16.5	1.7	1.7	.1						46.5	6.6
ESE	1.2	6.3	8.8	2.0	.9	.4						12.7	8.4
SE	.1	.8	2.0	1.3	1.5	1.4	1.2					.3	16.3
SSE	.1	.4	.5	1.5	.2	.1	.2	.1				.2	14.1
S	.3	.2	.4									.2	6.6
SSW		.3		.2								.5	7.6
SW		.2	.3									.5	7.1
WSW	.3	.0		.2								1.3	5.7
W	.5	.5	.1									1.2	3.8
WNW		.1										.1	4.0
NW	.1											.1	3.0
NNW													
VARB	1.9	.1		.1								2.0	2.6
CALM												5.5	
	11.2	37.1	31.0	7.8	3.9	2.0	1.4	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION THULE AB GL STATION NAME 60-70, 73-80 YEARS 1900-2000 MONTH 1800-2000
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.2	6.7
NNE													
NE	.4	1.5	.5	.3	.2							3.2	7.5
ENE	1.7	2.9	2.7	.4	.1							7.2	6.1
E	3.2	21.6	17.7	1.9		.1						45.2	6.5
ESE	1.7	5.4	8.1	2.7	.8	.2	.1					13.2	8.5
SE	.4	1.2	1.7	1.5	1.5	.8	.8					7.9	14.1
SSE	.2	.2	.6	1.6	.4	1.4	.2					4.7	16.7
S	.1	.1	.8	.3	.1							1.4	9.4
SSW	.2	.1										.3	2.3
SW	.1	.1	.1									.3	5.5
WSW	.2	.1										.3	3.0
W	.1	.2	.1									.4	4.5
WNW	.2	.1	.3									.6	6.1
NW		.1										.1	6.7
NNW		.3										.3	5.3
VARBL	1.6	.2	.2	.1								2.2	3.5
CALM												7.5	
	10.2	34.3	32.3	8.9	3.1	2.5	1.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 979

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION INULE AB GL STATION NAME 65-70, 73-80 YEARS DEC
CLASS ALL WEATHER MONTH 100-230
CONDITION HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	.3										.4	3.3
NNE		.1	.1									.2	6.5
NE	.5	1.4	.2	.3		.7		.1				.9	9.1
ENE	1.0	3.7	1.4	.1		.7						.7	6.3
E	3.6	12.2	13.4	1.5	.1	.2						43.0	8.7
ESE	2.2	4.5	7.6	2.1	.8	.2						17.3	8.0
SE	.3	1.1	2.7	1.9	1.3	.6	.9	.4				9.9	14.2
SSE	.4	.3	.5	1.2	1.3	.8	.1					4.6	14.6
S	.3	.1	.3	.2	.1							1.1	8.7
SSW		.3	.1									.4	5.8
SW	.4	.2										.6	3.2
WSW	.3	.5	.2									1.4	4.5
W	.2	.4	.4									1.7	4.4
WNW		.2										.2	4.5
NW													
NNW		.1										.1	5.0
VARBL	2.1	1.1	.1									3.2	3.0
CALM												6.0	
	12.1	34.9	52.1	7.3	3.6	2.5	1.0	.5				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 921

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AFB STATION NAME 63-73.73-55 YEARS 2 MONTH ALL

CLASS ALL WEATHER

CONDITION ALL

HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	.1	.0									.3	3.0
NNE	.1	.1	.1	.0								.2	5.6
NE	.6	1.5	.5	.2	.1	.1		.0				2.2	4.2
ENE	1.1	3.6	2.2	.3	.1	.2			.2	.2		7.5	6.6
E	4.3	19.6	13.0	1.8	.4	.1		.0	.0			44.3	6.7
ESE	1.4	5.8	8.4	2.0	.6	.4	.1	.1				15.4	8.3
SE	.4	1.4	2.3	1.5	1.3	.9	.8	.2	.0			8.9	14.0
SSE	.2	.3	.6	1.3	.7	.5	.2	.1				3.2	14.2
S	.1	.2	.4	.2	.1	.1						1.1	9.8
SSW	.1	.2	.0	.0								.3	5.0
SW	.2	.2	.1									.6	4.2
WSW	.3	.5	.1	.1								1.0	5.0
W	.5	.5	.1									1.1	4.0
WNW	.1	.1	.1									.3	4.5
NW	.1	.2	.1									.3	4.5
NNW	.0	.2	.0									.2	4.9
VARB	1.3	.5	.2	.0								2.0	3.3
CALM												5.3	
	11.2	34.9	33.1	7.5	3.3	2.2	1.0	.4	.1	.0		101.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7435

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION THULE AB GL STATION NAME 59-73, 73-81 YEARS ALL MONTH A-1

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1	.0	.0	.0	.0					.4	5.2
NNE	.1	.1	.1	.0	.0	.0						.3	5.4
NE	.4	.7	.5	.2	.0	.0		.0				1.5	6.4
ENE	1.1	2.7	1.4	.3	.1	.0	.0	.0	.0	.0		2.6	6.1
E	4.6	14.2	17.8	1.5	.4	.2	.1	.0	.0			31.8	6.5
ESE	1.3	3.7	4.4	1.2	.6	.3	.2	.1	.0	.0		11.6	6.3
SE	.5	1.2	1.7	1.6	1.1	.7	.4	.2	.0	.0		7.4	14.0
SSE	.3	.5	1.0	1.6	.8	.4	.1	.0	.0	.0		4.7	13.6
S	.3	.4	.4	.3	.1	.0	.0					1.4	8.2
SSW	.1	.2	.1	.0		.0						.4	5.3
SW	.4	.3	.1	.0	.0							.7	4.5
WSW	1.1	1.0	.3	.1	.0	.0						2.5	4.5
W	4.9	5.1	1.2	.1	.0	.2		.0				1.3	4.2
WNW	.7	.8	.2	.0	.0							1.5	4.3
NW	.3	.4	.1	.0	.0	.2						.8	4.3
NNW	.2	.2	.1	.0	.0							.5	5.0
VARBL	.9	.4	.1	.0	.0	.2	.0	.0				1.5	3.4
CALM												14.1	
	17.4	33.0	22.3	7.0	3.2	1.7	.8	.4	.1	.0		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 56899

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION INWLF AB GU STATION NAME 60-70.73-S YEARS 3.1
MONTH 3.1
INSTRUMENT CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE
CLASS ADD/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1	.0	.0	.0						.4	5.1
NNE	.1	.1	.0	.0	.0	.0						.2	5.5
NE	.4	.2	.2	.1	.1	.0						.3	7.0
ENE	.7	.5	.4	.2	.2	.2	.0	.0				.3	9.5
E	2.8	3.5	1.5	.9	.8	.6	.3	.1	.0			1.4	8.6
ESE	1.2	1.6	1.0	1.0	1.2	1.0	.6	.3	.0			7.9	13.6
SE	.4	.4	.6	1.6	1.9	2.3	1.5	.7	.1			7.5	2.6
SSE	.3	.4	.6	.9	1.4	1.3	.5	.2				5.5	17.9
S	.2	.2	.3	.2	.1	.1						1.1	9.7
SSW	.0	.2	.0	.0								.4	4.7
SW	.6	.6	.3	.2								1.0	5.0
WSW	2.1	1.8	.9	.4	.0							5.2	5.0
W	10.5	12.2	2.0	.4	.0							25.1	4.1
WNW	1.9	2.0	.4	.0								4.3	4.1
NW	1.0	.5	.1	.0		.0						2.0	3.1
NNW	.5	.4	.0		.0							1.0	4.0
VARBL	.9	.3	.0			.0						1.1	3.1
CALM												20.4	
	23.9	25.8	8.7	5.9	5.7	5.6	2.9	1.2	.1			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 5608

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005

THULE AB GL

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	.5	56.7	57.3	57.4	57.6	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.2
≥ 18000	.5	57.4	58.0	58.1	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.9
≥ 16000	.5	58.1	58.7	58.8	59.0	59.0	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.5	59.5	59.6
≥ 14000	.5	58.6	59.2	59.3	59.5	59.5	59.6	59.6	59.6	59.9	59.9	59.9	59.9	60.0	60.0	60.1
≥ 12000	.5	59.0	59.6	59.7	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.4	60.6	60.6	60.7
≥ 10000	.5	59.5	60.1	60.2	60.6	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.4	61.4	61.5
≥ 9000	.5	59.5	60.1	60.2	60.6	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.4	61.4	61.5
≥ 8000	.5	62.0	62.8	63.0	63.5	63.5	63.9	63.9	63.9	64.2	64.6	64.6	64.8	64.9	64.9	65.0
≥ 7000	.5	63.7	69.8	70.0	71.3	71.4	71.9	71.9	71.9	72.5	73.2	73.2	73.6	73.7	73.9	74.0
≥ 6000	.5	71.6	73.9	74.1	75.8	76.0	76.7	77.0	77.0	77.6	78.3	78.3	78.9	79.1	79.5	79.7
≥ 5000	.5	83.5	86.2	86.5	88.7	88.8	89.5	89.8	89.8	90.4	91.1	91.1	91.7	91.8	92.3	92.5
≥ 4500	.5	84.0	86.8	87.0	89.3	89.4	90.2	90.5	90.5	91.1	91.8	91.8	92.4	92.5	93.0	93.2
≥ 4000	.5	84.8	87.6	87.9	90.1	90.2	91.0	91.4	91.4	91.9	92.6	92.6	93.2	93.3	93.8	94.0
≥ 3500	.5	85.1	87.9	88.1	90.4	90.5	91.4	91.7	91.7	92.3	93.0	93.0	93.6	93.7	94.2	94.4
≥ 3000	.5	85.4	88.2	88.4	90.8	90.9	91.7	92.1	92.1	92.6	93.3	93.3	93.9	94.0	94.5	94.7
≥ 2500	.5	85.8	88.6	88.9	91.2	91.4	92.2	92.5	92.5	93.1	93.8	93.8	94.4	94.5	95.0	95.2
≥ 2000	.5	85.9	88.7	89.0	91.4	91.5	92.3	92.6	92.6	93.2	93.9	93.9	94.5	94.6	95.1	95.3
≥ 1800	.5	86.2	89.0	89.4	91.7	91.8	92.6	93.0	93.0	93.6	94.3	94.3	94.9	95.0	95.4	95.7
≥ 1500	.5	86.3	89.1	89.5	91.8	91.9	92.8	93.1	93.1	93.8	94.5	94.5	95.1	95.2	95.7	95.9
≥ 1200	.5	86.3	89.1	89.5	91.8	91.9	93.0	93.3	93.3	94.0	94.9	94.9	95.4	95.6	96.0	96.3
≥ 1000	.5	86.7	89.5	90.1	92.6	92.8	93.8	94.2	94.2	95.0	95.8	95.8	96.4	96.5	97.0	97.3
≥ 900	.5	86.7	89.5	90.1	92.6	92.8	93.8	94.2	94.2	95.0	95.8	95.8	96.4	96.5	97.0	97.2
≥ 800	.5	86.8	89.6	90.2	92.9	93.0	94.0	94.4	94.4	95.3	96.1	96.1	96.8	97.0	97.4	97.7
≥ 700	.5	86.8	89.6	90.2	92.9	93.0	94.0	94.4	94.4	95.3	96.1	96.1	96.8	97.0	97.5	97.8
≥ 600	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.6	96.4	96.4	97.1	97.2	97.8	98.0
≥ 500	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.6	96.4	96.4	97.2	97.3	97.9	98.1
≥ 400	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.6	96.4	96.4	97.3	97.4	98.2	98.7
≥ 300	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.7	96.5	96.5	97.4	97.5	98.6	99.1
≥ 200	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.7	96.5	96.5	97.4	97.5	98.7	99.2
≥ 100	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.7	96.5	96.5	97.4	97.5	98.7	99.3
≥ 0	.5	86.9	89.7	90.3	93.0	93.1	94.2	94.5	94.5	95.7	96.5	96.5	97.4	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17685

THULE AB GL

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4	≥3
NO CEILING	1.2	59.3	59.0	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	1.2	58.5	59.2	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 18000	1.2	58.8	59.6	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 16000	1.2	59.4	60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000	1.2	60.0	60.7	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	1.2	60.5	61.2	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	1.2	61.1	61.8	61.9	62.6	62.6	62.6	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 9000	1.2	61.7	62.4	62.5	63.2	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 8000	1.2	63.9	64.7	65.0	65.9	66.0	66.0	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 7000	1.2	69.2	70.3	70.5	72.2	72.3	72.6	72.6	72.6	73.3	73.5	73.5	73.5	73.7	73.7	73.7	73.7
IV 6000	1.2	72.5	74.3	74.5	76.9	77.1	77.5	77.5	77.5	78.4	78.5	78.5	78.5	78.8	78.9	79.1	79.2
IV 5000	1.2	84.4	86.6	86.9	89.5	89.7	90.1	90.1	90.1	91.2	91.3	91.3	91.5	91.6	91.9	92.0	92.0
IV 4500	1.2	84.8	86.5	87.3	89.9	90.1	90.4	90.4	90.4	91.5	91.6	91.6	91.9	92.0	92.2	92.3	92.3
IV 4000	1.2	85.7	87.9	88.2	90.8	91.0	91.4	91.4	91.4	92.5	92.7	92.7	92.9	93.0	93.3	93.4	93.4
IV 3500	1.2	86.1	88.2	88.3	91.2	91.4	91.7	91.7	91.7	92.8	93.0	93.0	93.3	93.4	93.6	93.8	93.8
IV 3000	1.2	86.3	88.4	88.8	91.4	91.6	92.0	92.0	92.0	93.0	93.4	93.4	93.6	93.6	93.8	94.0	94.1
IV 2500	1.2	86.3	88.4	89.2	91.7	92.0	92.3	92.3	92.3	93.4	93.8	93.8	94.0	94.1	94.3	94.5	94.5
IV 2000	1.2	87.1	89.3	90.0	92.6	92.8	93.2	93.2	93.2	94.2	94.6	94.6	94.8	94.9	95.2	95.3	95.3
IV 1800	1.2	87.1	89.3	90.0	92.6	92.8	93.2	93.2	93.2	94.2	94.6	94.6	94.8	94.9	95.2	95.3	95.3
IV 1500	1.2	87.6	89.7	90.4	93.0	93.3	93.6	93.6	93.6	94.7	95.0	95.0	95.3	95.4	95.6	95.8	95.8
IV 1200	1.2	87.6	89.7	90.4	93.0	93.3	93.6	93.6	93.6	94.7	95.0	95.0	95.3	95.4	95.6	95.8	95.8
IV 1000	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.4	95.9	95.9	96.1	96.2	96.6	96.7	96.7
IV 900	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.4	95.9	95.9	96.1	96.2	96.6	96.7	96.7
IV 800	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.4	96.1	96.1	96.3	96.5	96.8	96.9	96.9
IV 700	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.4	96.1	96.1	96.3	96.5	96.8	96.9	96.9
IV 600	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	96.7	96.9	97.3	97.5	97.5
IV 500	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	96.8	97.1	97.6	97.9	97.9
IV 400	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	96.8	97.1	98.0	98.2	98.2
IV 300	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	96.9	97.2	98.6	98.8	98.8
IV 200	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	97.1	97.3	98.7	99.3	99.3
IV 100	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	97.1	97.3	98.8	99.6	99.6
IV 0	1.2	87.7	89.9	90.6	93.5	93.8	94.1	94.1	94.1	95.8	96.5	96.5	97.1	97.3	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

JA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	1.1	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	1.1	56.6	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	1.1	57.3	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	1.1	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	1.1	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	1.1	58.8	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	1.1	60.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	1.1	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.7	61.7
≥ 8000	1.1	63.6	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.5	64.5
≥ 7000	1.1	69.7	70.0	70.0	71.1	71.1	71.2	71.2	71.2	71.3	71.5	71.5	71.5	71.7	71.9	72.2
≥ 6000	1.1	74.3	74.9	74.9	76.7	76.8	77.2	77.2	77.2	77.4	77.5	77.5	77.7	77.9	78.2	78.3
≥ 5000	1.1	85.3	86.3	86.3	89.4	89.6	90.1	90.2	90.2	90.3	90.4	90.4	90.7	90.9	91.2	91.3
≥ 4500	1.1	85.4	86.4	86.4	89.5	89.7	90.2	90.3	90.3	90.4	90.6	90.6	90.8	91.0	91.3	91.4
≥ 4000	1.1	86.1	87.1	87.1	90.4	90.7	91.2	91.3	91.3	91.4	91.5	91.5	91.7	92.0	92.2	92.3
≥ 3500	1.1	86.3	87.4	87.4	90.7	90.9	91.4	91.5	91.5	91.6	91.7	91.7	92.0	92.2	92.5	92.6
≥ 3000	1.1	87.1	88.2	88.2	91.5	91.7	92.2	92.5	92.5	92.6	92.7	92.7	92.9	93.2	93.4	93.5
≥ 2500	1.1	87.4	88.4	88.6	91.9	92.1	92.6	92.8	92.8	92.9	93.0	93.0	93.3	93.5	93.8	93.9
≥ 2000	1.1	87.9	88.9	89.0	92.3	92.6	93.0	93.3	93.3	93.4	93.5	93.5	93.8	94.0	94.2	94.3
≥ 1800	1.1	88.1	89.2	89.3	92.6	92.8	93.3	93.5	93.5	93.6	93.8	93.8	94.0	94.2	94.5	94.6
≥ 1500	1.1	88.7	89.7	89.9	93.2	93.4	93.9	94.1	94.1	94.2	94.3	94.3	94.6	94.8	95.0	95.2
≥ 1200	1.1	88.7	89.7	90.0	93.3	93.5	94.0	94.2	94.2	94.3	94.5	94.5	94.7	94.9	95.2	95.3
≥ 1000	1.1	88.7	89.7	90.0	93.5	93.8	94.3	94.6	94.6	94.9	95.0	95.0	95.3	95.5	95.8	96.2
≥ 900	1.1	88.7	89.7	90.0	93.5	93.8	94.3	94.6	94.6	95.0	95.2	95.2	95.4	95.6	95.9	96.3
≥ 800	1.1	88.7	89.7	90.0	93.5	93.9	94.5	94.7	94.7	95.2	95.4	95.4	95.6	95.9	96.2	96.7
≥ 700	1.1	88.7	89.7	90.0	93.5	93.9	94.5	94.7	94.7	95.2	95.4	95.4	95.6	95.9	96.2	96.8
≥ 600	1.1	88.7	89.7	90.0	93.5	93.9	94.5	94.7	94.7	95.3	95.5	95.5	95.8	96.0	96.3	96.9
≥ 500	1.1	88.7	89.7	90.0	93.5	93.9	94.5	94.7	94.7	95.3	95.5	95.5	96.0	96.2	96.7	97.3
≥ 400	1.1	88.7	89.7	90.0	93.5	93.9	94.5	94.7	94.7	95.4	95.6	95.6	96.1	96.3	97.2	97.8
≥ 300	1.1	88.7	89.7	90.0	93.5	93.9	94.6	94.8	94.8	95.5	95.8	95.8	96.5	96.7	97.5	98.5
≥ 200	1.1	88.7	89.7	90.0	93.5	93.9	94.6	94.8	94.8	95.5	95.8	95.8	96.7	96.9	97.9	98.9
≥ 100	1.1	88.7	89.7	90.0	93.5	93.9	94.6	94.8	94.8	95.5	95.8	95.8	96.7	96.9	97.9	99.4
≥ 0	1.1	88.7	89.7	90.0	93.5	93.9	94.6	94.8	94.8	95.5	95.8	95.8	96.7	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17600
STATION

THULE AB GL
STATION NAME

70,73-91
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾/10	¾	≥0
NO CEILING	1.7	55.3	55.7	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
≥ 20000	1.7	56.0	56.4	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 18000	1.7	56.6	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9
≥ 16000	1.7	57.3	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥ 14000	1.7	57.6	58.2	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
≥ 12000	1.7	58.1	58.7	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5
≥ 10000	1.7	58.8	59.7	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 9500	1.7	59.4	60.3	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4
≥ 8000	1.7	61.9	62.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.2
≥ 7000	1.7	67.7	69.1	69.4	70.5	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.3
≥ 6000	1.7	71.7	73.6	73.9	75.3	76.0	76.6	76.7	76.7	76.9	76.9	76.9	76.9	77.2	77.3	77.6
≥ 5000	1.7	82.9	85.5	86.0	88.1	89.0	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.4	90.6	90.8
≥ 4500	1.7	82.9	85.5	86.0	88.1	89.0	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.4	90.6	90.8
≥ 4000	1.7	83.6	86.2	86.7	88.9	89.8	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.3	91.4	91.6
≥ 3500	1.7	83.7	86.4	86.9	89.5	90.4	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.9	92.0	92.2
≥ 3000	1.7	84.9	87.8	88.3	90.9	91.9	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.4	93.5	93.7
≥ 2500	1.7	85.0	88.1	88.5	91.1	92.1	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.6	93.7	94.0
≥ 2000	1.7	85.7	88.8	89.3	91.9	92.8	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.3	94.5	94.8
≥ 1800	1.7	85.7	88.8	89.3	91.9	92.8	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.3	94.5	94.8
≥ 1500	1.7	85.7	88.8	89.3	91.9	92.8	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.6	94.7	94.8
≥ 1200	1.7	85.7	88.8	89.3	91.9	92.8	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.6	94.7	94.8
≥ 1000	1.7	86.1	89.3	89.7	92.3	93.3	94.2	94.8	94.8	95.3	95.3	95.3	95.3	95.6	95.7	95.9
≥ 900	1.7	86.1	89.3	89.7	92.3	93.3	94.2	94.8	94.8	95.3	95.4	95.4	95.4	95.7	95.9	96.0
≥ 800	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.5	95.5	95.5	96.1	96.2	96.3
≥ 700	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.2	96.3	96.5
≥ 600	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.2	96.3	96.5
≥ 500	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.7	96.8	97.3
≥ 400	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.7	96.9	97.5
≥ 300	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.8	97.0	97.6
≥ 200	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.9	97.3	97.9
≥ 100	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.9	97.3	97.9
≥ 0	1.7	86.1	89.3	89.7	92.3	93.3	94.3	94.9	94.9	95.4	95.6	95.6	95.6	96.9	97.3	98.1

TOTAL NUMBER OF OBSERVATIONS d47

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005

THULE AB GL

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.7	51.4	51.8	51.8	52.3	52.3	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.7	52.7
≥ 20000	4.7	52.1	52.5	52.5	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.4	53.4
≥ 18000	4.7	53.3	54.0	54.0	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.9	54.9
≥ 16000	4.7	54.1	54.8	54.8	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.8	55.8
≥ 14000	4.7	54.2	54.9	54.9	55.5	55.5	55.5	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 12000	4.7	55.2	55.9	55.9	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 10000	5.0	56.5	57.3	57.4	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.5	58.5
≥ 9000	5.0	57.2	58.0	58.1	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.2	59.2
≥ 8000	5.0	59.6	60.4	60.6	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 7000	5.3	64.9	66.4	66.5	68.3	68.7	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1
≥ 6000	6.0	68.4	70.7	71.0	73.6	73.9	74.3	74.4	74.4	74.8	74.9	74.9	74.9	75.0	75.2	75.4
≥ 5000	6.0	79.8	82.2	82.5	85.8	86.2	86.5	86.6	86.6	87.2	87.3	87.3	87.3	87.4	87.7	87.8
≥ 4500	6.1	79.8	82.2	82.5	85.8	86.2	86.5	86.6	86.6	87.2	87.3	87.3	87.3	87.4	87.7	87.8
≥ 4000	6.1	82.3	84.7	85.1	88.8	89.2	89.7	89.8	89.8	90.4	90.5	90.5	90.5	90.6	90.8	91.0
≥ 3500	6.1	82.9	85.3	85.7	89.9	90.3	90.7	90.8	90.8	91.4	91.5	91.5	91.5	91.7	91.9	92.0
≥ 3000	6.1	83.7	86.3	86.6	90.8	91.2	91.7	91.8	91.8	92.4	92.5	92.5	92.5	92.6	92.8	93.0
≥ 2500	6.1	83.9	86.6	87.0	91.3	91.7	92.1	92.3	92.3	92.8	93.0	93.0	93.0	93.1	93.3	93.4
≥ 2000	6.1	84.7	87.4	87.8	92.1	92.5	93.0	93.1	93.1	93.7	93.8	93.8	93.8	93.9	94.1	94.2
≥ 1800	6.1	84.7	87.4	87.8	92.1	92.5	93.0	93.1	93.1	93.7	93.8	93.8	93.8	93.9	94.1	94.2
≥ 1500	6.1	84.9	87.6	87.9	92.3	92.6	93.3	93.5	93.5	94.1	94.2	94.2	94.2	94.4	94.6	94.7
≥ 1200	6.1	84.9	87.6	87.9	92.4	92.7	93.4	93.7	93.7	94.2	94.4	94.4	94.4	94.5	94.7	94.8
≥ 1000	6.1	85.8	88.6	89.0	93.4	93.9	94.6	94.8	94.8	95.5	95.7	95.7	95.7	95.8	96.1	96.5
≥ 900	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	95.8	95.9	95.9	95.9	96.0	96.4	96.7
≥ 800	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	95.8	95.9	95.9	95.9	96.0	96.5	96.8
≥ 700	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	95.8	95.9	95.9	95.9	96.0	96.5	96.8
≥ 600	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	95.8	95.9	96.0	96.0	96.1	96.6	96.9
≥ 500	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	96.0	96.2	96.4	96.5	96.6	97.1	97.4
≥ 400	6.1	86.0	88.8	89.2	93.7	94.1	94.8	95.1	95.1	96.0	96.2	96.4	96.5	96.6	97.1	97.4
≥ 300	6.1	86.0	88.8	89.2	93.7	94.1	95.0	95.2	95.2	96.1	96.4	96.5	96.6	96.7	97.2	97.8
≥ 200	6.1	86.0	88.8	89.2	93.7	94.1	95.0	95.2	95.2	96.1	96.4	96.5	96.6	96.7	97.7	98.8
≥ 100	6.1	86.0	88.8	89.2	93.7	94.1	95.0	95.2	95.2	96.1	96.4	96.5	96.6	96.7	97.8	98.9
≥ 0	6.1	86.0	88.8	89.2	93.7	94.1	95.0	95.2	95.2	96.1	96.4	96.5	96.6	96.7	97.8	98.9

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

70, 73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	2.6	52.2	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.2	53.2	53.2	53.3	53.5	53.5
≥ 20000	2.6	52.9	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.2	54.3	54.6	54.6
≥ 18000	2.6	54.1	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.4	55.4	55.4	55.5	55.7	55.7
≥ 16000	2.6	54.2	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.7	56.0	56.0
≥ 14000	2.6	54.4	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.8	55.8	55.8	55.9	56.2	56.2
≥ 12000	2.6	55.0	55.7	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.5	56.8	56.8
≥ 10000	2.9	56.4	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.8	57.9	58.2	58.2
≥ 9000	2.7	57.1	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.6	58.9	58.9
≥ 8000	2.9	59.5	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	61.1	61.1	61.1	61.2	61.4	61.4
≥ 7000	2.9	64.5	66.0	66.1	66.7	67.1	67.2	67.2	67.2	67.2	67.5	67.9	68.0	68.1	68.2	68.6
≥ 6000	3.1	68.6	70.3	70.7	71.8	72.2	73.1	73.2	73.4	73.9	74.3	74.4	74.8	74.9	75.4	75.4
≥ 5000	3.3	81.4	83.4	83.8	86.1	86.4	87.4	87.5	87.6	88.3	88.7	88.8	89.3	89.4	89.8	89.8
≥ 4500	3.3	81.7	83.6	84.0	86.3	86.7	87.6	87.7	87.9	88.6	88.9	89.0	89.5	89.6	90.1	90.1
≥ 4000	3.3	83.3	85.4	85.7	88.6	88.9	89.8	90.0	90.1	90.9	91.2	91.4	91.8	91.9	92.4	92.4
≥ 3500	3.3	83.6	85.7	86.1	89.1	89.5	90.4	90.5	90.7	91.5	91.8	91.9	92.4	92.5	93.0	93.0
≥ 3000	3.3	84.3	86.6	86.9	90.2	90.5	91.5	91.6	91.7	92.5	92.9	93.0	93.5	93.6	94.0	94.0
≥ 2500	3.3	84.3	86.6	86.9	90.2	90.5	91.5	91.6	91.7	92.5	92.9	93.0	93.5	93.6	94.0	94.0
≥ 2000	3.3	84.8	87.0	87.4	90.7	91.0	91.9	92.1	92.2	93.0	93.3	93.5	93.9	94.0	94.5	94.5
≥ 1800	3.3	84.8	87.0	87.4	90.7	91.0	91.9	92.1	92.2	93.0	93.3	93.5	93.9	94.0	94.5	94.5
≥ 1500	3.3	85.5	87.7	88.1	91.4	91.7	93.0	93.1	93.2	94.0	94.4	94.5	95.0	95.1	95.6	95.6
≥ 1200	3.3	85.5	87.7	88.1	91.4	91.7	93.0	93.1	93.2	94.0	94.4	94.5	95.0	95.1	95.6	95.6
≥ 1000	3.3	86.0	88.2	88.6	91.8	92.2	93.5	93.6	93.7	94.5	94.9	95.0	95.4	95.6	96.0	96.0
≥ 900	3.3	86.2	88.4	88.8	92.1	92.4	93.7	93.8	93.9	94.7	95.1	95.2	95.7	95.8	96.3	96.3
≥ 800	3.3	86.3	88.6	88.9	92.2	92.5	93.8	93.9	94.0	94.9	95.2	95.3	96.0	96.1	96.6	96.6
≥ 700	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.1	96.3	96.7	96.7
≥ 600	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.1	96.3	96.7	96.7
≥ 500	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.1	96.4	96.8	96.8
≥ 400	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.5	96.7	97.5	97.5
≥ 300	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.5	96.7	97.5	97.5
≥ 200	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.5	96.7	98.4	98.4
≥ 100	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.5	96.7	98.6	98.6
≥ 0	3.3	86.4	88.7	89.0	92.3	92.6	93.9	94.0	94.2	95.0	95.3	95.4	96.5	96.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 856

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	.8	51.7	52.2	52.2	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9	53.1
≥ 20000	.8	52.1	52.9	52.9	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.6	53.8
IV 18000	.8	53.7	54.6	54.6	54.9	55.0	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.4	55.5	55.7
IV 16000	.8	54.3	55.1	55.1	55.5	55.6	55.6	55.7	55.7	55.9	55.9	55.9	55.9	56.0	56.1	56.3
IV 14000	.8	54.4	55.3	55.3	55.6	55.7	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.4
IV 12000	.8	55.6	56.7	56.7	57.0	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.6	57.9
IV 10000	.8	57.0	58.2	58.2	58.6	58.7	58.8	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.3	59.5
IV 9000	.8	57.5	58.7	58.7	59.1	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.8	59.9	60.1
IV 8000	.8	59.8	61.4	61.4	62.1	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8	63.0	63.2
IV 7000	.8	65.3	67.9	67.9	69.1	69.3	69.6	69.7	69.7	69.9	69.9	70.2	70.2	70.4	70.8	71.0
IV 6000	.8	70.2	73.3	73.3	75.3	75.7	76.2	76.7	76.7	76.9	76.9	77.2	77.4	77.4	77.8	78.0
IV 5000	.8	82.4	86.0	86.0	88.9	89.3	89.8	90.3	90.3	90.5	90.5	90.8	91.0	91.0	91.4	91.6
IV 4500	.8	82.4	86.0	86.0	88.9	89.3	89.8	90.3	90.3	90.5	90.7	91.0	91.2	91.2	91.6	91.8
IV 4000	.8	83.3	87.0	87.0	90.1	90.5	91.1	91.6	91.6	91.8	92.0	92.3	92.5	92.5	92.9	93.1
IV 3500	.8	83.7	87.5	87.5	90.8	91.2	91.8	92.3	92.3	92.5	92.7	93.0	93.3	93.3	93.6	93.8
IV 3000	.8	84.3	88.0	88.0	91.5	92.0	92.5	93.0	93.0	93.3	93.4	93.7	94.0	94.0	94.3	94.6
IV 2500	.8	84.3	88.2	88.2	91.6	92.1	92.7	93.4	93.4	93.6	93.7	94.1	94.3	94.3	94.7	94.9
IV 2000	.8	84.5	88.5	88.5	92.0	92.4	93.1	94.0	94.0	94.2	94.3	94.7	94.9	94.9	95.3	95.5
IV 1800	.8	84.9	88.9	88.9	92.3	92.8	93.5	94.3	94.3	94.6	94.7	95.0	95.3	95.3	95.6	95.9
IV 1500	.8	85.2	89.2	89.2	92.7	93.1	94.0	94.9	94.9	95.3	95.4	95.7	96.0	96.0	96.3	96.6
IV 1200	.8	85.2	89.2	89.2	92.7	93.1	94.0	94.9	94.9	95.3	95.4	95.7	96.0	96.0	96.3	96.6
IV 1000	.8	85.3	89.3	89.3	92.9	93.4	94.3	95.3	95.3	95.6	95.7	96.1	96.3	96.3	96.7	96.9
IV 900	.8	85.4	89.5	89.5	93.0	93.5	94.4	95.4	95.4	95.7	95.9	96.2	96.4	96.4	96.8	97.0
IV 800	.8	85.4	89.5	89.5	93.0	93.5	94.4	95.4	95.4	95.7	95.9	96.2	96.6	96.6	96.9	97.2
IV 700	.8	85.4	89.5	89.5	93.0	93.5	94.4	95.4	95.4	95.7	95.9	96.2	96.6	96.6	96.9	97.2
IV 600	.8	85.4	89.5	89.5	93.0	93.5	94.4	95.4	95.4	95.7	95.9	96.2	96.6	96.6	96.9	97.2
IV 500	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.1	96.4	96.9	96.9	97.3	97.9
IV 400	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.1	96.4	97.0	97.0	97.8	98.3
IV 300	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.2	96.6	97.2	97.2	97.9	98.5
IV 200	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.2	96.6	97.2	97.2	98.0	98.6
IV 100	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.2	96.6	97.4	97.4	98.3	99.5
IV 0	.8	85.6	89.6	89.6	93.3	93.7	94.7	95.6	95.6	96.0	96.2	96.6	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17665

THULE AB GL

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	.7	52.5	53.4	53.5	53.8	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 20000	.7	53.1	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 18000	.7	53.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0
≥ 16000	.7	54.1	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6
≥ 14000	.7	54.4	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
≥ 12000	.7	55.1	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 10000	.7	57.0	58.3	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 9000	.7	57.4	58.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 8000	.7	58.9	60.8	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.8	62.1	62.1	62.1	62.1	62.5
≥ 7000	.7	64.3	66.8	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.6	68.8	68.8	68.9	68.9	69.5
≥ 6000	.7	69.1	72.2	72.6	74.9	75.1	75.2	75.4	75.4	75.7	76.1	76.1	76.2	76.4	76.6	77.1
≥ 5000	.7	81.8	85.5	85.8	88.7	88.8	89.0	89.2	89.2	89.5	90.0	90.0	90.1	90.2	90.4	90.9
≥ 4500	.7	82.4	86.1	86.6	89.5	89.6	89.8	90.1	90.1	90.3	90.8	90.8	90.9	91.0	91.3	91.7
≥ 4000	.7	83.5	87.2	87.8	90.9	91.0	91.3	91.5	91.5	91.7	92.2	92.2	92.3	92.4	92.7	93.1
≥ 3500	.7	83.6	87.5	88.1	91.1	91.3	91.5	91.7	91.7	92.0	92.4	92.4	92.6	92.7	92.9	93.4
≥ 3000	.7	84.0	88.1	88.7	91.8	92.0	92.2	92.4	92.4	92.7	93.1	93.1	93.3	93.4	93.6	94.1
≥ 2500	.7	84.5	88.7	89.2	92.4	92.6	92.8	93.1	93.1	93.4	93.9	93.9	94.0	94.1	94.3	94.8
≥ 2000	.7	84.5	88.7	89.2	92.6	92.7	92.9	93.3	93.3	93.5	94.0	94.0	94.1	94.2	94.4	94.9
≥ 1800	.7	84.8	88.9	89.5	92.8	92.9	93.1	93.5	93.5	93.7	94.2	94.2	94.3	94.4	94.7	95.2
≥ 1500	.7	85.0	89.4	90.0	93.3	93.4	93.6	94.0	94.0	94.6	95.0	95.0	95.2	95.3	95.5	96.0
≥ 1200	.7	85.0	89.4	90.0	93.3	93.4	93.6	94.0	94.0	94.6	95.0	95.0	95.2	95.3	95.5	96.0
≥ 1000	.7	85.0	89.6	90.2	93.6	93.7	94.0	94.3	94.4	95.0	95.5	95.5	95.6	95.7	96.0	96.5
≥ 900	.7	85.0	89.6	90.2	93.6	93.7	94.0	94.3	94.4	95.0	95.5	95.5	95.6	95.7	96.0	96.5
≥ 800	.7	85.0	89.6	90.2	93.6	93.7	94.0	94.3	94.4	95.0	95.5	95.5	95.6	95.7	96.0	96.5
≥ 700	.7	85.0	89.6	90.2	93.6	93.9	94.2	94.6	94.7	95.3	95.7	95.7	95.9	96.0	96.2	96.7
≥ 600	.7	85.0	89.6	90.2	93.6	93.9	94.2	94.6	94.7	95.3	95.7	95.7	95.9	96.0	96.2	96.7
≥ 500	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.5	96.0	96.0	96.2	96.5	96.7	97.2
≥ 400	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.6	96.1	96.1	96.3	96.9	97.2	97.6
≥ 300	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.6	96.1	96.1	96.3	96.9	97.2	97.6
≥ 200	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.6	96.1	96.1	96.3	97.0	97.4	97.9
≥ 100	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.6	96.1	96.1	96.6	97.3	98.0	99.5
≥ 0	.7	85.2	89.8	90.4	93.9	94.1	94.4	94.8	94.9	95.6	96.1	96.1	96.6	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635

THULE AB GL

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING	1.6	54.3	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.5
≥ 20000	1.6	54.8	55.4	55.5	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.2
≥ 18000	1.6	55.6	56.2	56.3	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9	56.8	56.9	56.9	57.0
≥ 16000	1.6	56.2	56.8	56.8	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.6
≥ 14000	1.6	56.5	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.9	57.9
≥ 12000	1.6	57.2	57.9	57.9	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.7
≥ 10000	1.7	58.3	59.1	59.2	59.6	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	60.0	60.1	60.2
≥ 9000	1.7	58.8	59.6	59.7	60.2	60.2	60.3	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.6	60.7
≥ 8000	1.7	61.1	62.1	62.3	63.0	63.0	63.1	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.6	63.7
≥ 7000	1.8	66.8	68.3	68.5	69.7	69.9	70.0	70.1	70.1	70.4	70.6	70.6	70.8	70.9	71.0	71.2
≥ 6000	1.9	70.8	72.9	73.1	75.0	75.3	75.8	76.0	76.0	76.4	76.7	76.7	77.0	77.1	77.4	77.6
≥ 5000	1.7	82.7	85.2	85.5	88.1	88.5	89.0	89.2	89.2	89.7	89.9	90.0	90.2	90.4	90.6	90.8
≥ 4500	1.7	82.9	85.4	85.7	88.4	88.7	89.3	89.5	89.5	90.0	90.2	90.3	90.6	90.7	91.0	91.1
≥ 4000	1.9	84.1	86.6	86.9	89.8	90.2	90.8	91.0	91.0	91.4	91.7	91.8	92.0	92.2	92.4	92.6
≥ 3500	1.9	84.4	87.0	87.3	90.3	90.7	91.3	91.5	91.5	92.0	92.2	92.3	92.6	92.7	93.0	93.1
≥ 3000	1.9	85.0	87.7	88.0	91.1	91.5	92.1	92.3	92.3	92.8	93.0	93.1	93.4	93.5	93.8	94.0
≥ 2500	1.9	85.2	87.9	88.3	91.4	91.8	92.4	92.6	92.7	93.1	93.4	93.5	93.7	93.9	94.1	94.3
≥ 2000	1.9	85.6	88.4	88.8	91.9	92.3	92.9	93.2	93.2	93.6	93.9	94.0	94.3	94.4	94.7	94.9
≥ 1800	1.9	85.8	88.6	88.9	92.1	92.4	93.0	93.3	93.3	93.8	94.1	94.1	94.4	94.5	94.8	95.0
≥ 1500	1.9	86.1	89.9	89.3	92.4	92.8	93.5	93.8	93.8	94.4	94.6	94.7	95.0	95.1	95.4	95.6
≥ 1200	1.9	86.1	88.9	89.3	92.5	92.8	93.5	93.9	93.9	94.4	94.7	94.8	95.1	95.2	95.5	95.7
≥ 1000	1.9	86.4	89.3	89.7	93.0	93.3	94.1	94.5	94.5	95.2	95.5	95.5	95.8	95.9	96.2	96.6
≥ 900	1.9	86.5	89.3	89.7	93.0	93.4	94.2	94.5	94.6	95.2	95.6	95.6	95.9	96.0	96.4	96.7
≥ 800	1.9	86.5	89.4	89.8	93.1	93.5	94.2	94.6	94.6	95.3	95.7	95.8	96.1	96.2	96.6	96.9
≥ 700	1.9	86.5	89.4	89.8	93.1	93.5	94.3	94.6	94.7	95.4	95.8	95.9	96.2	96.3	96.7	97.0
≥ 600	1.9	86.5	89.4	89.8	93.1	93.5	94.3	94.7	94.7	95.5	95.9	95.9	96.3	96.4	96.8	97.1
≥ 500	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.7	95.6	96.0	96.0	96.6	96.7	97.2	97.6
≥ 400	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.7	95.6	96.0	96.1	96.7	96.9	97.6	98.0
≥ 300	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.8	95.6	96.0	96.1	96.8	97.0	97.8	98.3
≥ 200	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.8	95.6	96.0	96.1	96.8	97.1	98.1	98.9
≥ 100	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.8	95.6	96.0	96.1	96.9	97.1	98.2	99.4
≥ 0	1.9	86.6	89.4	89.9	93.2	93.6	94.4	94.7	94.8	95.6	96.0	96.1	96.9	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

FLY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-3200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000		63.3	63.7	64.0	64.3	64.3	64.3	64.6	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0
≥ 18000 ≥ 6000		63.6	64.0	64.2	64.6	64.6	64.6	64.8	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 14000 ≥ 12000		65.1	65.5	65.7	66.1	66.1	66.1	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 10000 ≥ 9500		65.6	66.0	66.2	66.6	66.6	66.6	66.8	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 8000 ≥ 7000		66.6	67.0	67.2	67.6	67.6	67.7	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 6000 ≥ 5000		67.2	67.6	67.8	68.2	68.2	68.3	68.6	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0
≥ 4500 ≥ 4000		68.8	69.3	69.7	70.1	70.1	70.2	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 3500 ≥ 3000		69.2	69.7	70.1	70.5	70.5	70.6	70.8	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 2500 ≥ 2000		72.3	72.8	73.2	73.8	74.0	74.1	74.3	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8
≥ 1800 ≥ 1500		75.2	75.7	76.1	77.1	77.2	77.3	77.6	77.7	77.8	77.8	77.8	78.1	78.1	78.1	78.2
≥ 1200 ≥ 1000		80.7	81.5	81.9	84.5	84.6	84.9	85.2	85.4	85.6	85.6	85.6	85.9	86.0	86.0	86.1
≥ 900 ≥ 800		87.6	88.4	88.7	91.9	92.0	92.2	92.6	92.7	93.0	93.0	93.0	93.2	93.4	93.4	93.5
≥ 700 ≥ 600		87.6	88.4	88.7	91.9	92.0	92.2	92.6	92.7	93.0	93.0	93.0	93.2	93.4	93.4	93.5
≥ 500 ≥ 400		87.7	88.9	89.5	92.6	92.7	93.0	93.4	93.5	93.7	93.7	93.7	94.0	94.1	94.1	94.2
≥ 300 ≥ 200		87.7	88.9	89.5	92.6	92.7	93.0	93.4	93.5	93.7	93.7	93.7	94.0	94.1	94.1	94.2
≥ 100 ≥ 0		88.6	90.0	90.6	93.7	93.9	94.1	94.5	94.6	94.9	94.9	94.9	95.1	95.2	95.2	95.6
≥ 0		88.6	90.0	90.6	93.7	93.9	94.1	94.5	94.6	94.9	94.9	94.9	95.1	95.2	95.2	95.6
≥ 0		89.4	91.1	91.7	94.9	95.0	95.2	95.6	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.7
≥ 0		89.4	91.1	91.7	94.9	95.0	95.2	95.6	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.7
≥ 0		90.0	91.7	92.4	95.5	95.6	95.9	96.2	96.4	96.6	96.6	96.6	96.9	97.0	97.0	97.4
≥ 0		90.0	91.7	92.4	95.5	95.6	95.9	96.2	96.4	96.6	96.6	96.6	96.9	97.0	97.0	97.4
≥ 0		90.4	92.2	92.9	96.0	96.1	96.4	96.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	98.0
≥ 0		90.4	92.2	92.9	96.0	96.1	96.4	96.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	98.0
≥ 0		90.4	92.2	92.9	96.0	96.1	96.4	96.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	98.0
≥ 0		90.4	92.2	92.9	96.0	96.1	96.4	96.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	98.0
≥ 0		90.6	92.6	93.2	96.4	96.5	96.7	97.2	97.4	97.6	97.6	97.6	97.9	98.0	98.0	98.4
≥ 0		90.6	92.6	93.2	96.4	96.5	96.7	97.2	97.4	97.6	97.6	97.6	97.9	98.0	98.0	98.4
≥ 0		90.6	92.6	93.2	96.4	96.5	96.7	97.2	97.4	97.6	97.6	97.6	97.9	98.0	98.0	98.4
≥ 0		90.7	92.7	93.4	96.5	96.6	96.9	97.6	97.7	98.0	98.0	98.4	98.6	98.7	98.7	99.1
≥ 0		90.7	92.7	93.4	96.5	96.6	96.9	97.6	97.7	98.0	98.0	98.4	98.6	98.7	98.7	99.1
≥ 0		90.7	92.7	93.4	96.5	96.6	96.9	97.6	97.7	98.0	98.0	98.4	98.6	98.7	98.7	99.1
≥ 0		90.7	92.7	93.4	96.5	96.6	96.9	97.6	97.7	98.0	98.0	98.4	98.6	98.7	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 17000

STATION NAME
 THULE AB GL

YEARS
 70, 73-81

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2500
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		66.0	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 20000		66.7	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 18000		67.7	69.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
≥ 16000		69.1	69.6	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
≥ 14000		69.6	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
≥ 12000		70.2	70.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 10000		72.3	72.8	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 9000		72.9	73.4	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 8000		76.0	76.6	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 7000		78.3	79.1	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
≥ 6000		84.0	85.3	85.4	86.8	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
≥ 5000		90.2	91.4	91.6	93.2	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.1
≥ 4500		90.2	91.4	91.6	93.2	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.1
≥ 4000		90.3	91.7	91.8	93.5	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.4
IV 3500		90.3	91.7	91.8	93.5	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.5
IV 3000		90.8	92.2	92.3	94.0	94.4	94.5	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.1	95.3
IV 2500		90.8	92.2	92.3	94.0	94.4	94.5	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.1	95.3
IV 2000		91.6	93.4	93.5	95.3	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.3	96.4	96.6
IV 1800		91.6	93.4	93.5	95.4	95.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.6	96.7
IV 1500		92.0	93.7	93.9	95.8	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.1	97.2
IV 1200		92.0	93.7	93.9	95.8	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.1	97.2
IV 1000		92.0	93.9	94.0	95.9	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	97.1	97.2	97.3
≥ 900		92.2	94.1	94.3	96.2	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.6
IV 800		92.2	94.1	94.3	96.2	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.6
≥ 700		92.3	94.3	94.4	96.3	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.6	97.7
IV 600		92.5	94.4	94.5	96.4	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.6	97.7	97.8
≥ 500		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1
IV 400		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1
≥ 300		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1
IV 200		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1
≥ 100		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1
IV 0		92.7	94.6	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.8	98.0	98.1

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17075
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

PER
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥⅓
NO CEILING	.8	51.4	62.3	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	.8	61.7	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	.8	64.2	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 16000	.8	65.0	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
≥ 14000	.8	66.4	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 12000	.8	67.4	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 10000	.8	68.7	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7
≥ 9500	.8	69.8	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9
≥ 8000	.8	73.7	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.6	75.6	75.6
≥ 7500	.8	77.5	78.4	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.6	79.6	79.6
≥ 6000	.8	84.1	85.4	85.5	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.4	87.4	87.4
≥ 5000	.8	90.1	91.4	91.5	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.7	93.7	93.7
≥ 4500	.8	90.2	91.5	91.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.8	93.8	93.8
≥ 4000	.8	91.1	92.4	92.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	95.1	95.1	95.1
≥ 3500	.8	91.1	92.4	92.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	95.3	95.3	95.3
≥ 3000	.8	91.1	92.4	92.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	95.6	95.6	95.6
≥ 2500	.8	91.1	92.4	92.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	95.6	95.6	95.6
≥ 2000	.8	91.5	93.3	93.7	95.4	95.6	95.6	95.8	95.8	95.9	96.0	96.0	96.3	96.8	96.8	96.8
≥ 1800	.8	91.5	93.3	93.7	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.1	96.4	96.9	96.9	96.9
≥ 1500	.8	91.5	93.3	93.7	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.1	96.4	96.9	96.9	96.9
≥ 1200	.8	91.5	93.3	93.7	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.1	96.4	96.9	96.9	96.9
≥ 1000	.8	91.5	93.3	93.7	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.1	96.4	96.9	96.9	96.9
≥ 900	.8	91.7	93.8	94.2	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.7	96.9	97.4	97.4	97.4
≥ 800	.8	91.7	93.8	94.2	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.7	96.9	97.4	97.4	97.4
≥ 700	.8	91.9	94.1	94.5	96.3	96.5	96.5	96.7	96.7	96.7	96.8	96.9	97.2	97.7	97.7	97.7
≥ 600	.8	92.2	94.4	94.7	96.5	96.8	96.8	96.9	96.9	97.0	97.2	97.4	97.9	97.9	97.9	97.9
≥ 500	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.6	97.6	97.7	97.8	98.1	98.6	98.6	98.6	98.6
≥ 400	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.6	97.6	97.8	97.9	98.2	99.1	99.1	99.1	99.1
≥ 300	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.6	97.6	97.8	97.9	98.2	99.1	99.1	99.1	99.1
≥ 200	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.7	97.7	97.9	98.2	98.5	99.4	99.4	99.4	99.4
≥ 100	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.7	97.7	97.9	98.2	98.6	99.5	99.5	99.5	99.5
≥ 0	.8	92.2	94.4	94.7	97.2	97.4	97.4	97.7	97.7	97.9	98.2	98.6	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 77

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

17000

THULE AB GL

70, 73-81

FEET

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-1177
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	11.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2
≥ 20000	11.6	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
≥ 18000	11.7	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
≥ 16000	11.7	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 14000	11.7	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 12000	12.1	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4
≥ 10000	12.9	62.4	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 9000	12.9	63.3	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 8000	13.1	64.3	69.1	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
≥ 7000	13.1	72.6	73.5	73.6	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 6000	13.4	77.6	79.1	79.3	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.8	80.8
≥ 5000	13.4	85.3	87.3	87.5	88.8	88.9	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.9	89.9
≥ 4500	13.4	85.3	87.3	87.5	88.8	88.9	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.9	89.9
≥ 4000	13.4	86.5	88.6	88.8	90.2	90.4	90.6	90.8	90.8	91.2	91.2	91.2	91.2	91.4	91.5	91.5
≥ 3500	13.7	87.6	89.7	90.0	91.8	91.9	92.2	92.3	92.3	92.8	92.8	92.8	92.8	93.1	93.2	93.2
≥ 3000	13.7	87.8	89.9	90.4	92.5	92.6	92.8	93.0	93.0	93.6	93.6	93.6	93.6	93.9	94.0	94.1
≥ 2500	13.7	87.9	90.0	90.5	92.6	92.7	93.0	93.1	93.1	93.8	93.8	93.8	93.8	94.0	94.1	94.3
≥ 2000	13.7	88.3	90.4	90.9	93.2	93.4	93.6	93.8	93.8	94.4	94.4	94.4	94.4	94.7	94.8	94.9
≥ 1800	13.7	88.3	91.4	90.9	93.2	93.4	93.6	93.8	93.8	94.4	94.4	94.4	94.4	94.7	94.8	94.9
≥ 1500	13.7	88.6	90.6	91.2	93.5	93.6	93.9	94.0	94.0	94.7	94.7	94.7	94.7	94.9	95.1	95.2
≥ 1200	13.7	88.7	91.0	91.5	93.9	94.0	94.3	94.4	94.4	95.1	95.1	95.1	95.1	95.3	95.4	95.6
≥ 1000	13.7	88.8	91.3	91.8	94.1	94.3	94.5	94.8	94.8	95.4	95.4	95.4	95.4	95.7	95.8	96.0
≥ 900	13.7	88.8	91.7	92.2	94.5	94.7	94.9	95.2	95.2	95.8	95.8	95.8	95.8	96.1	96.2	96.4
≥ 800	13.7	88.8	91.7	92.2	94.5	94.7	95.3	95.6	95.6	96.4	96.4	96.4	96.4	96.6	96.7	96.9
≥ 700	13.7	88.8	91.8	92.3	94.7	94.8	95.4	96.0	96.0	96.7	96.7	96.7	96.7	97.0	97.1	97.3
≥ 600	13.7	88.8	91.9	92.5	94.8	94.9	95.6	96.1	96.1	96.9	96.9	96.9	96.9	97.1	97.3	97.4
≥ 500	13.7	88.9	92.2	92.7	95.2	95.3	96.0	96.5	96.5	97.3	97.3	97.3	97.3	97.5	97.7	97.8
≥ 400	13.7	88.9	92.2	92.7	95.2	95.3	96.0	96.5	96.5	97.3	97.3	97.3	97.3	97.9	98.0	98.2
≥ 300	13.7	88.9	92.2	92.7	95.2	95.3	96.0	96.5	96.5	97.3	97.3	97.3	97.3	98.3	98.4	98.6
≥ 200	13.7	88.9	92.2	92.7	95.3	95.4	96.1	96.6	96.6	97.4	97.4	97.4	97.4	98.6	98.7	99.1
≥ 100	13.7	88.9	92.2	92.7	95.3	95.4	96.1	96.6	96.6	97.4	97.5	97.5	97.5	98.7	98.8	99.2
≥ 0	13.7	88.9	92.2	92.7	95.3	95.4	96.1	96.6	96.6	97.4	97.5	97.5	97.5	98.7	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17615

THULE AB GL

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	15.6	56.4	56.7	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3
≥ 20000	16.0	58.1	58.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.9	58.9	59.1	59.1	59.1	59.1
≥ 18000	15.1	59.8	60.1	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.8	60.8	60.8	60.8
≥ 16000	16.1	60.5	60.8	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4
≥ 14000	15.1	61.4	61.7	61.7	61.9	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3
≥ 12000	16.5	62.1	62.5	62.5	62.7	62.7	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1
≥ 10000	18.0	64.3	64.8	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5
≥ 9000	18.0	65.0	65.5	65.5	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1
≥ 8000	18.1	70.2	70.7	70.7	72.2	72.3	72.4	72.4	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7
≥ 7000	18.1	73.4	74.3	74.3	75.9	76.2	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.8	76.8	76.9
≥ 6000	18.2	76.8	78.7	78.7	80.7	81.1	81.2	81.4	81.4	81.6	81.8	81.8	82.3	82.3	82.4	82.8
≥ 5000	18.2	83.6	86.1	86.1	88.3	88.7	88.8	89.0	89.0	89.2	89.4	89.4	90.0	90.0	90.2	90.6
≥ 4500	18.2	83.6	86.1	86.1	88.3	88.7	88.8	89.0	89.0	89.2	89.4	89.4	90.0	90.0	90.2	90.6
≥ 4000	18.2	84.1	87.1	87.1	89.5	90.0	90.2	90.3	90.3	90.6	90.7	90.7	91.3	91.3	91.5	91.9
≥ 3500	18.9	84.9	87.9	87.9	90.8	91.3	91.5	91.6	91.6	92.0	92.1	92.1	92.8	92.8	92.9	93.3
≥ 3000	18.9	85.6	88.6	88.6	91.7	92.3	92.4	92.5	92.5	92.9	93.0	93.0	93.7	93.7	93.8	94.2
≥ 2500	18.9	85.7	88.7	88.7	91.9	92.4	92.5	92.7	92.7	93.0	93.2	93.2	93.8	93.8	94.0	94.4
≥ 2000	18.9	86.1	89.1	89.1	92.3	92.8	92.9	93.3	93.3	93.7	93.8	93.8	94.5	94.5	94.6	95.0
≥ 1800	18.9	86.1	89.1	89.1	92.4	93.0	93.4	94.0	94.0	94.6	94.8	94.8	95.4	95.4	95.5	95.9
≥ 1500	18.9	86.1	89.1	89.1	92.4	93.0	93.6	94.1	94.1	94.8	94.9	94.9	95.5	95.5	95.7	96.1
≥ 1200	18.9	86.2	89.4	89.4	92.9	93.6	94.1	94.8	94.8	95.4	95.5	95.5	96.2	96.2	96.5	96.9
≥ 1000	18.9	86.2	89.4	89.4	92.9	93.6	94.1	94.8	94.8	95.4	95.5	95.5	96.2	96.2	96.5	96.9
≥ 900	18.9	86.2	89.6	89.6	93.2	93.8	94.4	95.0	95.0	95.7	95.8	95.8	96.5	96.5	96.7	97.1
≥ 800	18.9	86.2	89.9	89.9	93.4	94.1	94.8	95.4	95.4	96.1	96.2	96.2	96.9	96.9	97.1	97.5
≥ 700	18.9	86.2	90.0	90.0	93.7	94.4	95.0	95.7	95.7	96.3	96.5	96.5	97.1	97.1	97.4	97.8
≥ 600	18.9	86.2	90.0	90.0	93.7	94.4	95.0	95.7	95.7	96.3	96.5	96.5	97.1	97.1	97.4	97.8
≥ 500	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.5	96.6	96.6	97.5	97.5	97.8	98.2
≥ 400	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.6	96.9	96.9	97.8	97.8	98.2	98.6
≥ 300	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.6	96.9	96.9	97.8	97.8	98.2	98.8
≥ 200	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.7	97.0	97.0	97.9	97.9	98.3	99.1
≥ 100	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.7	97.0	97.0	97.9	97.9	98.4	99.9
≥ 0	18.9	86.2	90.0	90.0	93.8	94.5	95.1	95.8	95.8	96.7	97.0	97.0	97.9	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005
STATION

THULE AP GL
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	12.9	56.4	55.7	56.7	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	13.1	58.2	58.5	58.5	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	13.1	59.7	60.0	60.0	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	13.1	60.3	60.5	60.5	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	13.1	60.9	61.2	61.2	61.7	61.8	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.4
≥ 12000	13.2	61.3	61.7	61.7	62.2	62.3	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.9
≥ 10000	14.6	64.0	64.4	64.4	64.9	65.0	65.0	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.6
≥ 9000	14.6	65.0	65.4	65.4	65.9	66.0	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.7
≥ 8000	14.7	69.0	69.4	69.4	70.5	70.6	70.6	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.7
≥ 7000	14.7	71.9	72.6	72.6	74.1	74.4	74.4	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.9	76.4
≥ 6000	14.7	74.4	76.2	76.3	78.7	79.0	79.4	80.4	80.4	80.5	80.9	80.9	81.0	81.3	81.5	82.1
≥ 5000	14.7	81.2	83.2	83.3	86.5	86.8	87.4	88.5	88.5	88.7	89.1	89.1	89.6	89.9	90.1	90.6
≥ 4500	15.1	81.7	83.7	83.8	87.1	87.3	87.9	89.0	89.0	89.2	89.6	89.6	90.1	90.4	90.6	91.2
≥ 4000	15.1	82.2	84.4	84.5	87.8	88.2	88.8	89.9	89.9	90.1	90.5	90.5	91.0	91.3	91.5	92.1
≥ 3500	15.4	92.8	85.3	85.4	89.0	89.4	90.0	91.0	91.0	91.3	91.7	91.7	92.2	92.4	92.7	93.2
≥ 3000	15.5	83.7	86.3	86.4	90.3	90.6	91.3	92.4	92.4	92.8	93.2	93.2	93.7	94.0	94.2	94.7
≥ 2500	15.5	83.7	86.3	86.4	90.3	90.6	91.3	92.4	92.4	92.8	93.2	93.2	93.7	94.0	94.2	94.7
≥ 2000	15.5	83.8	86.4	86.5	90.5	90.9	91.7	92.8	92.8	93.2	93.6	93.6	94.1	94.4	94.6	95.1
≥ 1800	15.5	83.8	86.4	86.5	90.5	90.9	91.7	92.8	92.8	93.2	93.6	93.6	94.1	94.4	94.6	95.1
≥ 1500	15.5	83.8	86.4	86.5	90.5	90.9	91.7	92.8	92.8	93.2	93.6	93.6	94.1	94.4	94.6	95.1
≥ 1200	15.5	83.8	86.4	86.5	90.5	90.9	91.7	92.8	92.8	93.2	93.6	93.6	94.1	94.4	94.6	95.1
≥ 1000	15.5	84.4	87.2	87.3	91.4	91.8	92.6	94.4	94.4	94.7	95.1	95.1	95.6	95.9	96.2	96.7
≥ 900	15.5	84.6	87.6	87.7	91.8	92.2	92.9	94.7	94.7	95.1	95.5	95.5	96.0	96.3	96.5	97.1
≥ 800	15.5	84.6	87.6	87.7	91.8	92.2	92.9	95.0	95.0	95.4	96.0	96.0	96.5	96.8	97.1	97.6
≥ 700	15.5	84.6	87.6	87.7	91.8	92.2	92.9	95.0	95.0	95.4	96.0	96.0	96.5	96.8	97.1	97.6
≥ 600	15.5	84.6	87.6	87.7	91.8	92.2	92.9	95.0	95.0	95.4	96.0	96.0	96.5	96.8	97.1	97.6
≥ 500	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.4	95.4	95.8	96.4	96.4	97.3	97.6	97.9	98.5
≥ 400	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.4	95.4	95.8	96.4	96.4	97.3	97.6	97.9	98.5
≥ 300	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.8	95.8	96.2	96.8	96.8	97.9	98.2	98.6	99.1
≥ 200	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.8	95.8	96.2	96.8	96.8	97.9	98.2	98.6	99.2
≥ 100	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.8	95.8	96.2	96.8	96.8	97.9	98.2	98.6	99.7
≥ 0	15.5	84.6	87.7	87.8	92.2	92.6	93.3	95.8	95.8	96.2	96.8	96.8	97.9	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635

THULE AB GL

70, 73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1910-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	3.7	61.8	61.9	61.9	61.9	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6
≥ 20000	3.7	62.4	62.6	62.6	62.6	62.6	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
≥ 18000	3.7	63.1	63.2	63.2	63.3	63.3	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 16000	3.7	63.3	63.5	63.5	63.6	63.6	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥ 14000	3.7	64.2	64.3	64.3	64.5	64.5	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5
≥ 12000	3.7	64.3	64.5	64.8	65.0	65.0	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.0
≥ 10000	3.7	65.4	65.5	65.9	66.0	66.0	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.0
≥ 9000	3.7	66.1	66.2	66.6	66.8	66.8	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8
≥ 8000	3.7	69.2	69.3	69.7	69.9	69.9	70.1	70.6	70.7	70.7	70.7	70.8	70.8	70.8	71.1	71.2
≥ 7000	3.7	72.3	72.6	73.0	73.6	73.6	74.0	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.4	75.6
≥ 6000	3.7	76.3	77.7	78.0	79.6	79.7	80.3	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.1	82.7
≥ 5000	3.7	83.1	84.9	85.3	87.2	87.3	88.6	89.7	89.8	89.8	89.8	90.1	90.1	90.1	90.4	91.0
≥ 4500	3.7	84.0	85.8	86.2	88.1	88.2	89.5	90.6	90.7	90.7	90.7	91.0	91.0	91.0	91.2	91.9
≥ 4000	3.7	84.6	87.1	87.4	89.7	89.8	91.1	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.9	93.5
≥ 3500	3.7	84.8	87.3	87.8	90.4	90.5	91.8	92.9	93.0	93.0	93.0	93.3	93.3	93.3	93.5	94.2
≥ 3000	3.7	85.4	88.3	88.8	91.4	91.5	92.9	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.7	95.4
≥ 2500	3.7	85.4	88.3	88.8	91.4	91.5	92.9	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.7	95.4
≥ 2000	3.7	85.7	88.7	89.2	91.8	91.9	93.3	94.4	94.5	94.5	94.5	94.8	94.8	94.8	95.1	95.9
≥ 1800	3.7	85.9	89.0	89.5	92.0	92.1	93.5	94.7	94.8	94.8	94.8	95.1	95.1	95.1	95.3	96.1
≥ 1500	3.7	86.3	89.6	90.1	92.6	92.8	94.2	95.3	95.4	95.4	95.4	95.7	95.7	95.7	96.1	97.0
≥ 1200	3.7	86.4	89.7	90.2	92.8	92.9	94.3	95.4	95.6	95.6	95.6	95.9	95.9	95.9	96.2	97.1
≥ 1000	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.3	96.3	96.6	96.6	96.6	97.0	97.8
≥ 900	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.3	96.3	96.6	96.6	96.6	97.0	97.8
≥ 800	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.3	96.3	96.6	96.6	96.6	97.0	97.8
≥ 700	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.3	96.3	96.6	96.6	96.6	97.0	97.8
≥ 600	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.3	96.3	96.6	96.6	96.6	97.0	97.8
≥ 500	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.4	96.4	96.7	96.7	96.7	97.3	98.0
≥ 400	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.4	96.4	96.7	96.7	96.7	97.3	98.0
≥ 300	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.4	96.4	96.7	96.7	96.7	97.3	98.0
≥ 200	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.4	96.4	96.7	96.7	96.7	97.3	98.0
≥ 100	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.6	96.6	96.8	96.8	96.8	97.6	98.5
≥ 0	3.7	86.8	90.1	90.6	93.5	93.7	95.1	96.2	96.3	96.6	96.6	96.8	96.8	96.8	97.6	98.5

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE A3 GL

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		60.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7
≥ 20000		61.2	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1
≥ 18000		61.8	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.7	62.7	62.7
≥ 16000		62.1	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9
≥ 14000		62.4	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 12000		62.8	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 10000		63.6	64.0	64.1	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.9	64.9	64.9
≥ 9000		64.6	65.0	65.1	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.9	65.9	65.9
≥ 8000		69.7	70.3	70.4	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.2
≥ 7000		72.7	73.3	73.5	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.3	75.3	75.3
≥ 6000		77.8	79.1	79.2	81.7	81.7	81.7	82.1	82.2	82.4	82.4	82.6	82.7	82.8	82.9	83.2
≥ 5000		85.4	87.2	87.3	90.1	90.1	90.4	90.8	90.9	91.2	91.2	91.3	91.4	91.5	91.7	91.9
≥ 4500		85.4	87.2	87.3	90.1	90.1	90.4	90.8	90.9	91.2	91.2	91.3	91.4	91.5	91.7	91.9
≥ 4000		86.0	88.3	88.5	91.4	91.4	91.7	92.1	92.2	92.4	92.4	92.6	92.7	92.8	92.9	93.2
≥ 3500		86.3	88.8	89.0	92.1	92.1	92.3	92.7	92.8	93.1	93.1	93.2	93.3	93.5	93.6	93.8
≥ 3000		86.8	89.9	90.0	93.1	93.1	93.3	93.7	93.8	94.1	94.1	94.2	94.4	94.5	94.6	94.9
≥ 2500		86.9	90.0	90.1	93.2	93.2	93.5	93.8	94.0	94.2	94.2	94.4	94.5	94.6	94.7	95.0
≥ 2000		87.6	90.6	90.8	93.8	93.8	94.1	94.5	94.7	95.0	95.0	95.1	95.3	95.4	95.5	95.8
≥ 1800		87.6	90.6	90.8	93.8	93.8	94.1	94.5	94.7	95.0	95.0	95.1	95.3	95.4	95.5	95.8
≥ 1500		88.5	91.7	91.8	94.9	94.9	95.1	95.5	95.8	96.0	96.0	96.2	96.3	96.4	96.5	96.8
≥ 1200		88.5	91.7	91.8	94.9	94.9	95.1	95.5	95.8	96.0	96.0	96.2	96.3	96.4	96.5	96.8
≥ 1000		88.6	92.1	92.2	95.5	95.5	95.9	96.4	96.7	96.9	96.9	97.1	97.2	97.3	97.4	97.7
≥ 900		88.8	92.3	92.4	95.8	95.8	96.2	96.7	96.9	97.2	97.2	97.3	97.4	97.6	97.7	97.9
≥ 800		88.8	92.3	92.4	95.8	95.8	96.2	96.7	96.9	97.3	97.3	97.4	97.6	97.7	97.9	98.2
≥ 700		88.8	92.3	92.4	95.8	95.8	96.2	96.7	96.9	97.3	97.3	97.4	97.6	97.7	97.9	98.2
≥ 600		89.0	92.4	92.6	95.9	95.9	96.3	96.8	97.1	97.4	97.4	97.6	97.7	97.8	98.1	98.3
≥ 500		89.0	92.6	92.7	96.0	96.0	96.4	96.9	97.2	97.6	97.6	97.7	97.8	97.9	98.2	98.5
≥ 400		89.0	92.6	92.7	96.0	96.0	96.4	96.9	97.2	97.6	97.6	97.7	97.8	97.9	98.2	98.5
≥ 300		89.0	92.6	92.7	96.0	96.0	96.5	97.1	97.3	97.7	97.7	97.8	98.2	98.3	98.6	98.8
≥ 200		89.0	92.6	92.7	96.0	96.0	96.5	97.1	97.3	97.7	97.7	97.8	98.3	98.5	98.7	99.2
≥ 100		89.0	92.6	92.7	96.0	96.0	96.5	97.1	97.3	97.7	97.7	97.8	98.3	98.5	98.7	99.9
≥ 0		89.0	92.6	92.7	96.0	96.0	96.5	97.1	97.3	97.7	97.7	97.8	98.3	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005

THULE AB GL

70, 72-81

FE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	60.3	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2
≥ 20000	5.6	61.1	61.5	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
≥ 18000	5.6	62.5	62.9	63.0	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 16000	5.6	63.0	63.4	63.4	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
≥ 14000	5.6	63.8	64.2	64.3	64.6	64.6	64.6	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0
≥ 12000	5.7	64.5	65.0	65.0	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8
≥ 10000	6.2	66.2	66.7	66.8	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.6	67.6
≥ 9000	6.2	67.0	67.5	67.6	67.9	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4
≥ 8000	6.2	71.1	71.6	71.7	72.5	72.5	72.6	72.8	72.8	72.8	72.9	72.9	73.0	73.1	73.1	73.2
≥ 7000	6.2	74.2	74.9	75.1	76.1	76.2	76.3	76.6	76.6	76.7	76.7	76.8	76.9	77.0	77.0	77.2
≥ 6000	6.3	79.0	80.4	80.6	82.3	82.5	82.7	83.2	83.2	83.4	83.4	83.5	83.7	83.8	83.9	84.2
≥ 5000	6.3	85.8	87.5	87.7	89.9	90.1	90.4	90.9	90.9	91.1	91.2	91.2	91.5	91.6	91.7	92.0
≥ 4500	6.3	86.0	87.7	87.9	90.1	90.3	90.6	91.1	91.1	91.3	91.4	91.4	91.7	91.8	91.9	92.2
≥ 4000	6.3	86.6	88.6	88.8	91.2	91.4	91.7	92.2	92.2	92.4	92.5	92.5	92.8	92.9	93.0	93.3
≥ 3500	6.5	87.0	89.0	89.3	91.8	92.0	92.4	92.8	92.9	93.1	93.2	93.3	93.5	93.7	93.7	94.1
≥ 3000	6.5	87.5	89.7	90.0	92.6	92.9	93.2	93.7	93.8	94.0	94.1	94.2	94.5	94.6	94.7	95.1
≥ 2500	6.5	87.5	89.7	90.0	92.7	92.9	93.3	93.7	93.8	94.1	94.1	94.2	94.5	94.7	94.8	95.2
≥ 2000	6.5	88.0	90.4	90.7	93.4	93.6	94.0	94.5	94.6	94.9	94.9	95.0	95.1	95.5	95.6	96.0
≥ 1800	6.5	88.0	90.4	90.7	93.5	93.7	94.1	94.6	94.7	94.9	95.0	95.1	95.4	95.5	95.6	96.0
≥ 1500	6.5	88.3	90.8	91.1	93.8	94.1	94.6	95.0	95.1	95.4	95.5	95.6	95.9	96.0	96.2	96.6
≥ 1200	6.5	88.4	90.8	91.2	93.9	94.2	94.6	95.1	95.2	95.5	95.6	95.7	96.0	96.1	96.3	96.6
≥ 1000	6.5	88.6	91.2	91.5	94.4	94.7	95.2	95.8	95.9	96.2	96.3	96.3	96.7	96.8	96.9	97.3
≥ 900	6.5	88.7	91.4	91.7	94.6	94.9	95.4	96.0	96.1	96.4	96.5	96.5	96.9	97.0	97.1	97.5
≥ 800	6.5	88.7	91.5	91.8	94.7	94.9	95.5	96.1	96.2	96.5	96.7	96.7	97.1	97.2	97.4	97.7
≥ 700	6.5	88.8	91.6	91.9	94.8	95.0	95.6	96.3	96.3	96.7	96.8	96.9	97.2	97.3	97.5	97.9
≥ 600	6.5	88.8	91.6	91.9	94.8	95.1	95.6	96.3	96.4	96.7	96.9	96.9	97.3	97.4	97.6	97.9
≥ 500	6.5	88.9	91.8	92.1	95.1	95.4	95.9	96.6	96.7	97.1	97.2	97.2	97.7	97.9	98.0	98.4
≥ 400	6.5	88.9	91.8	92.1	95.1	95.4	95.9	96.6	96.7	97.1	97.2	97.4	98.0	98.1	98.3	98.7
≥ 300	6.5	88.9	91.8	92.1	95.1	95.4	96.0	96.7	96.8	97.2	97.3	97.5	98.2	98.3	98.6	99.0
≥ 200	6.5	88.9	91.8	92.1	95.2	95.4	96.0	96.8	96.9	97.2	97.4	97.6	98.3	98.5	98.8	99.3
≥ 100	6.5	88.9	91.8	92.1	95.2	95.4	96.0	96.8	96.9	97.3	97.4	97.7	98.4	98.6	98.9	99.8
≥ 0	6.5	88.9	91.8	92.1	95.2	95.4	96.0	96.8	96.9	97.3	97.4	97.7	98.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

4AF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	.5 .5	62.8 63.6	64.0 64.8	64.0 64.8	64.6 65.4	64.6 65.4	64.7 65.5	64.7 65.5	64.7 65.5	64.9 65.7	64.9 65.7	64.9 65.7	64.9 65.7	64.9 65.7	65.0 65.8	65.1 65.9
IV 18000 IV 16000	.5 .5	64.8 64.8	65.9 65.9	65.9 65.9	66.5 66.5	66.5 66.5	66.6 66.6	66.6 66.6	66.6 66.6	66.9 66.9	66 66	66.9 66.9	66.9 66.9	66.9 66.9	67.0 67.0	67.1 67.1
IV 14000 IV 12000	.5 .5	64.8 64.9	65.9 66.1	65.9 66.1	66.5 66.6	66.5 66.6	66.6 66.7	66.6 66.7	66.6 66.7	66.9 67.0	66.9 67.0	66.9 67.0	66.9 67.0	66.9 67.0	67.0 67.0	67.1 67.2
IV 10000 IV 9000	.5 .5	65.4 66.1	66.7 67.4	66.7 67.4	67.5 68.2	67.5 68.2	67.7 68.3	67.7 68.3	67.7 68.3	67.9 68.6	67.9 68.6	67.9 68.6	67.9 68.6	67.9 68.6	68.0 68.7	68.1 68.8
IV 8000 IV 7000	.5 .5	71.4 75.1	73.3 77.1	73.3 77.1	74.2 78.0	74.2 78.0	74.3 78.1	74.5 78.3	74.5 78.3	74.9 78.7	75.0 78.9	75.0 78.9	75.0 78.9	75.0 78.9	75.1 79.0	75.2 79.1
IV 6000 IV 5000	.5 .5	78.4 86.8	81.3 89.7	81.3 89.9	82.9 92.4	82.9 92.4	83.3 92.8	83.5 93.1	83.5 93.1	83.8 94.0	84.2 94.4	84.2 94.4	84.2 94.4	84.2 94.4	84.3 94.5	84.4 94.6
IV 4500 IV 4000	.5 .5	87.0 87.7	89.9 92.8	90.1 91.1	92.7 93.8	92.7 93.8	93.0 94.2	93.3 94.5	93.3 94.5	94.3 95.8	94.6 96.1	94.6 96.1	94.6 96.1	94.6 96.1	94.7 96.2	94.8 96.3
IV 3500 IV 3000	.5 .5	87.7 88.2	90.9 91.6	91.2 91.9	93.9 94.6	93.9 94.6	94.3 95.0	94.6 95.3	94.6 95.3	95.9 96.6	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.3 97.0	96.4 97.1
IV 2500 IV 2000	.5 .5	88.2 88.3	91.7 92.0	92.0 92.2	94.7 95.0	94.7 95.1	95.1 95.6	95.4 96.0	95.4 96.0	96.7 97.4	97.0 97.7	97.0 97.7	97.0 97.7	97.0 97.7	97.1 97.8	97.2 97.9
IV 1800 IV 1500	.5 .5	88.4 88.5	92.2 92.3	92.4 92.5	95.4 95.5	95.5 95.6	96.1 96.2	96.4 96.6	96.4 96.6	97.8 97.9	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.3 98.4	98.4 98.5
IV 1200 IV 1000	.5 .5	88.5 88.5	92.3 92.4	92.5 92.7	95.5 95.6	95.6 95.8	96.2 96.3	96.6 96.7	96.6 96.7	97.9 98.1	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.4 98.5	98.5 98.6
IV 900 IV 800	.5 .5	88.5 88.5	92.4 92.4	92.7 92.7	95.6 95.6	95.8 95.8	96.3 96.3	96.7 96.7	96.7 96.7	98.1 98.1	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.5 98.5	98.6 98.6
IV 700 IV 600	.5 .5	88.5 88.5	92.4 92.4	92.7 92.7	95.6 95.6	95.8 95.8	96.3 96.3	96.7 96.7	96.7 96.7	98.1 98.1	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.5 98.5	98.6 98.6
IV 500 IV 400	.5 .5	88.5 88.5	92.4 92.4	92.7 92.7	95.6 95.6	95.8 95.8	96.3 96.3	96.7 96.7	96.7 96.7	98.1 98.1	98.4 98.4	98.7 98.7	98.9 98.9	98.9 98.9	99.0 99.0	99.1 99.1
IV 300 IV 200	.5 .5	88.5 88.5	92.4 92.4	92.7 92.7	95.6 95.6	95.8 95.8	96.3 96.3	96.7 96.7	96.7 96.7	98.1 98.1	98.4 98.4	98.7 98.7	98.9 98.9	98.9 98.9	99.0 99.0	99.1 99.2
IV 100 IV 0	.5 .5	88.5 88.5	92.4 92.4	92.7 92.7	95.6 95.6	95.8 95.8	96.3 96.3	96.7 96.7	96.7 96.7	98.1 98.1	98.4 98.4	98.7 98.7	98.9 98.9	98.9 98.9	99.0 99.0	99.4 100.0

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17475

THULE AB GL

70,73-81

4A

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.2	59.1	59.8	59.8	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 20000	2.2	60.0	60.7	60.7	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 18000	2.2	61.6	62.3	62.3	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 16000	2.2	61.7	62.4	62.4	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 14000	2.2	62.1	62.8	62.8	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 12000	2.2	62.1	62.8	62.8	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 10000	2.2	63.4	64.2	64.2	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 9000	2.2	63.7	64.5	64.5	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 8000	2.2	68.7	69.6	69.6	70.5	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 7000	2.2	75.1	76.1	76.1	77.2	77.2	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 6000	2.2	79.2	81.0	81.0	83.1	83.1	83.6	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 5000	2.2	86.8	89.1	89.1	91.8	91.8	92.3	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 4500	2.2	87.1	89.4	89.5	92.1	92.1	92.6	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 4000	2.2	88.0	90.8	90.9	93.5	93.5	94.0	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 3500	2.2	88.1	90.9	91.0	93.6	93.6	94.1	94.9	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 3000	2.2	88.3	91.1	91.2	93.9	93.9	94.3	95.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 2500	2.2	88.6	91.3	91.4	94.1	94.1	94.6	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.4	96.5
≥ 2000	2.2	88.9	91.9	92.1	94.9	95.3	96.0	96.9	96.9	97.9	97.9	97.9	97.9	97.9	98.0	98.2
≥ 1800	2.2	88.9	92.0	92.3	95.0	95.4	96.1	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 1500	2.2	88.9	92.0	92.3	95.0	95.4	96.1	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 1200	2.2	88.9	92.0	92.3	95.0	95.4	96.1	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 1000	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 900	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 800	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.3	98.3	98.6	98.7	98.8
≥ 700	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.3	98.3	98.6	98.7	98.8
≥ 600	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.3	98.5	98.8	99.0	99.1
≥ 500	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.5	98.8	98.8	99.0	99.1
≥ 400	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.5	98.8	98.8	99.0	99.2
≥ 300	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.5	98.8	98.8	99.0	99.2
≥ 200	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.6	99.0	99.0	99.1	99.3
≥ 100	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.6	99.0	99.0	99.1	99.5
≥ 0	2.2	89.0	92.3	92.5	95.3	95.6	96.3	97.2	97.2	98.3	98.3	98.6	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 JUN-30 DEC
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.7	56.5	56.7	56.7	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	10.8	57.9	58.2	58.2	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	10.8	59.6	59.8	59.8	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	10.8	59.9	60.3	60.3	60.8	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	10.8	60.5	60.8	60.8	61.4	61.4	61.5	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	10.9	60.9	61.3	61.3	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	11.3	62.0	62.3	62.3	62.9	62.9	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	11.3	63.9	64.4	64.4	65.1	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	11.5	68.3	69.5	69.5	70.7	70.7	71.1	71.2	71.2	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 7000	11.8	72.2	73.5	73.7	76.2	76.2	76.6	76.8	76.8	77.3	77.3	77.3	77.3	77.4	77.4	77.5
≥ 6000	11.8	75.5	77.3	77.8	80.9	81.0	81.5	81.7	81.7	82.4	82.4	82.4	82.5	82.5	82.5	82.6
≥ 5000	11.8	82.6	84.7	85.3	88.7	88.9	89.4	89.7	89.7	90.8	90.8	90.8	91.0	91.0	91.0	91.1
≥ 4500	11.9	82.6	84.7	85.3	88.8	89.1	89.5	89.9	89.9	90.9	90.9	90.9	91.1	91.1	91.1	91.2
≥ 4000	11.8	83.5	86.1	86.6	90.2	90.4	90.9	91.2	91.2	92.4	92.4	92.4	92.6	92.6	92.6	92.7
≥ 3500	11.9	84.1	86.6	87.2	90.8	91.1	91.7	92.3	92.3	93.4	93.4	93.4	93.7	93.7	93.7	93.8
≥ 3000	11.9	84.3	86.9	87.4	91.1	91.5	92.3	92.9	92.9	94.0	94.0	94.0	94.5	94.5	94.5	94.6
≥ 2500	11.9	84.8	87.3	87.9	91.6	91.9	92.7	93.3	93.3	94.5	94.5	94.5	94.9	94.9	95.0	95.4
≥ 2000	11.9	85.3	88.4	88.9	92.9	93.2	94.1	94.7	94.7	96.1	96.2	96.2	96.7	96.7	97.0	97.1
≥ 1800	11.9	85.3	88.4	88.9	92.9	93.2	94.1	94.7	94.7	96.1	96.2	96.2	96.7	96.7	97.0	97.1
≥ 1500	11.9	85.3	88.5	89.1	93.0	93.3	94.2	94.8	94.8	96.3	96.4	96.4	96.9	96.9	97.2	97.4
≥ 1200	11.9	85.3	88.5	89.1	93.0	93.3	94.2	94.8	94.8	96.3	96.5	96.5	97.0	97.0	97.4	97.5
≥ 1000	12.1	85.5	88.7	89.3	93.3	93.7	94.6	95.2	95.2	97.1	97.4	97.4	97.8	97.8	98.3	98.5
≥ 900	12.1	85.5	88.7	89.3	93.3	93.7	94.6	95.2	95.2	97.1	97.4	97.4	97.8	97.8	98.3	98.5
≥ 800	12.1	85.5	88.7	89.3	93.3	93.7	94.6	95.2	95.2	97.1	97.4	97.4	97.8	97.8	98.3	98.5
≥ 700	12.1	85.5	88.7	89.3	93.3	93.7	94.6	95.2	95.2	97.1	97.4	97.4	97.8	97.8	98.3	98.5
≥ 600	12.1	85.5	88.7	89.3	93.3	93.7	94.6	95.2	95.2	97.1	97.4	97.4	97.8	97.8	98.3	98.5
≥ 500	12.1	85.6	88.8	89.4	93.4	93.8	94.7	95.3	95.3	97.2	97.6	97.6	98.4	98.4	99.1	99.3
≥ 400	12.1	85.6	88.8	89.4	93.4	93.8	94.7	95.3	95.3	97.2	97.6	97.6	98.4	98.4	99.3	99.5
≥ 300	12.1	85.6	88.9	89.5	93.5	93.9	94.8	95.4	95.4	97.4	97.7	97.7	98.5	98.5	99.5	99.8
≥ 200	12.1	85.6	88.9	89.5	93.5	93.9	94.8	95.4	95.4	97.4	97.7	97.7	98.5	98.5	99.7	99.9
≥ 100	12.1	85.6	88.9	89.5	93.5	93.9	94.8	95.4	95.4	97.4	97.7	97.7	98.6	98.6	99.7	100.0
≥ 0	12.1	85.6	88.9	89.5	93.5	93.9	94.8	95.4	95.4	97.4	97.7	97.7	98.6	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005

THULE AB GL

70,73-81

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1999
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	15.9	56.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.3	58.3	58.3	58.3
≥ 20000	15.9	59.1	62.2	60.2	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.9	60.9	60.9	60.9
≥ 18000	15.9	62.3	63.5	63.5	63.7	63.7	63.8	63.8	63.8	64.1	64.1	64.1	64.3	64.3	64.3	64.3
≥ 16000	15.9	62.4	63.6	63.7	64.0	64.0	64.3	64.3	64.3	64.5	64.5	64.5	64.8	64.8	64.8	64.8
≥ 14000	15.9	63.3	64.4	64.5	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.3	65.6	65.6	65.6	65.6
≥ 12000	15.9	64.3	65.5	65.6	65.8	65.8	66.2	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.6	66.6
≥ 10000	16.4	65.7	66.9	67.0	67.3	67.3	67.7	67.7	67.7	67.9	67.9	67.9	68.1	68.1	68.1	68.1
≥ 9000	16.4	66.3	67.4	67.6	67.9	67.9	68.3	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7
≥ 8000	16.9	70.9	72.6	72.7	73.0	73.0	73.6	73.6	73.6	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 7000	17.0	75.3	77.1	77.2	78.3	78.3	79.2	79.2	79.2	79.5	79.5	79.5	79.8	79.8	79.8	79.8
≥ 6000	17.0	77.7	80.6	80.8	82.8	82.8	84.2	84.2	84.2	84.5	84.5	84.5	84.9	84.9	84.9	84.9
≥ 5000	17.0	83.0	86.2	86.4	89.2	89.4	90.9	91.3	91.3	91.7	91.7	91.7	92.1	92.1	92.1	92.1
≥ 4500	17.0	83.0	86.2	86.4	89.2	89.4	90.9	91.3	91.3	91.7	91.7	91.7	92.1	92.1	92.1	92.1
≥ 4000	17.0	84.1	87.3	87.6	90.7	90.9	92.4	92.9	93.0	93.6	93.6	93.6	94.0	94.0	94.0	94.0
≥ 3500	17.0	84.3	87.6	87.8	90.9	91.2	92.7	93.1	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.3
≥ 3000	17.1	84.4	87.8	88.0	91.3	91.5	93.1	93.6	93.7	94.5	94.5	94.5	94.9	94.9	94.9	94.9
≥ 2500	17.2	85.1	88.5	88.7	92.1	92.3	94.0	94.5	94.7	95.5	95.5	95.5	95.8	95.8	95.8	95.8
≥ 2000	17.2	85.1	88.5	88.7	92.3	92.7	94.3	94.9	95.0	95.8	95.8	95.8	96.2	96.2	96.2	96.2
≥ 1800	17.2	85.1	88.5	88.7	92.3	92.7	94.3	94.9	95.0	95.8	95.8	95.8	96.2	96.2	96.2	96.2
≥ 1500	17.2	85.1	88.6	88.8	92.4	92.8	94.8	95.3	95.5	96.3	96.3	96.3	96.6	96.6	96.6	96.6
≥ 1200	17.2	85.1	88.7	89.0	92.8	93.1	95.1	95.7	95.8	96.6	96.6	96.6	97.0	97.0	97.0	97.0
≥ 1000	17.2	85.1	88.7	89.0	92.8	93.1	95.1	95.7	95.8	97.0	97.0	97.0	97.3	97.3	97.3	97.4
≥ 900	17.2	85.1	88.7	89.0	92.8	93.1	95.1	95.7	95.8	97.0	97.0	97.0	97.3	97.3	97.3	97.4
≥ 800	17.2	85.1	88.7	89.0	92.8	93.1	95.1	95.7	95.8	97.1	97.1	97.1	97.7	97.7	97.7	97.8
≥ 700	17.6	85.5	89.1	89.3	93.1	93.5	95.5	96.0	96.2	97.4	97.4	97.4	98.0	98.0	98.0	98.1
≥ 600	17.6	85.5	89.1	89.3	93.1	93.5	95.5	96.0	96.2	97.4	97.4	97.4	98.0	98.0	98.0	98.1
≥ 500	17.6	85.5	89.1	89.3	93.1	93.5	95.5	96.0	96.2	97.4	97.4	97.4	98.0	98.0	98.1	98.6
≥ 400	17.6	85.5	89.1	89.3	93.1	93.5	95.5	96.0	96.2	97.4	97.4	97.4	98.0	98.0	98.1	98.7
≥ 300	17.6	85.5	89.1	89.3	93.1	93.5	95.5	96.0	96.2	97.4	97.4	97.4	98.1	98.1	98.4	99.0
≥ 200	17.6	85.6	89.2	89.4	93.3	93.6	95.6	96.2	96.3	97.6	97.6	97.6	98.3	98.3	98.5	99.3
≥ 100	17.6	85.6	89.2	89.4	93.3	93.6	95.6	96.2	96.3	97.6	97.6	97.6	98.4	98.4	98.8	99.7
≥ 0	17.6	85.6	89.2	89.4	93.3	93.6	95.6	96.2	96.3	97.6	97.6	97.6	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.3	57.4	57.9	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.8	59.1
≥ 20000	15.3	59.9	60.6	60.7	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.4	61.4	61.5	61.7
≥ 18000	15.3	62.0	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.5	63.5	63.6	63.8
≥ 16000	15.5	62.3	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.8	63.8	64.0	64.2
≥ 14000	15.5	63.0	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.7	64.7	64.8	65.0
≥ 12000	15.5	63.8	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.5	65.5	65.6	65.8
≥ 10000	15.7	65.0	65.8	65.9	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.7	66.7	66.9	67.1
≥ 9000	15.7	65.3	66.2	66.3	66.6	66.6	66.7	66.7	66.7	67.0	67.0	67.0	67.2	67.2	67.3	67.6
≥ 8000	16.1	70.2	71.3	71.4	72.0	72.0	72.3	72.3	72.3	72.7	72.7	72.7	73.0	73.0	73.4	73.6
≥ 7000	16.4	74.7	76.2	76.3	77.4	77.4	77.8	77.8	77.8	78.3	78.3	78.3	78.6	78.6	79.0	79.2
≥ 6000	16.4	77.9	79.9	80.1	81.6	81.6	82.0	82.0	82.0	82.4	82.4	82.4	82.9	82.9	83.3	83.6
≥ 5000	16.4	84.9	87.0	87.3	89.2	89.4	90.1	90.2	90.2	90.8	90.8	90.8	91.3	91.3	91.6	92.0
≥ 4500	16.5	85.0	87.1	87.4	89.3	89.5	90.2	90.3	90.3	90.9	90.9	90.9	91.4	91.4	91.7	92.1
≥ 4000	16.6	86.0	88.1	88.5	90.6	91.0	91.9	92.0	92.0	92.8	92.8	92.8	93.3	93.3	93.6	94.0
≥ 3500	16.7	86.7	88.8	89.2	91.4	91.9	92.8	92.9	92.9	93.7	93.7	93.7	94.2	94.2	94.5	94.9
≥ 3000	16.7	86.9	89.2	89.5	91.7	92.2	93.1	93.5	93.5	94.3	94.3	94.3	94.8	94.8	95.1	95.5
≥ 2500	16.7	87.1	89.8	90.1	92.3	92.8	93.7	94.1	94.1	94.9	94.9	94.9	95.3	95.3	95.7	96.0
≥ 2000	16.7	87.1	89.8	90.1	92.4	92.9	93.8	94.2	94.2	95.1	95.1	95.1	95.6	95.6	95.9	96.3
≥ 1800	16.7	87.1	89.9	90.2	92.6	93.0	94.0	94.3	94.3	95.2	95.2	95.2	95.7	95.7	96.0	96.4
≥ 1500	16.7	87.1	89.9	90.2	92.6	93.1	94.4	94.8	94.8	95.7	95.8	95.8	96.3	96.3	96.6	97.0
≥ 1200	16.7	87.1	90.0	90.3	92.7	93.3	94.5	94.9	94.9	95.8	95.9	95.9	96.4	96.4	96.7	97.1
≥ 1000	16.7	87.1	90.0	90.3	92.7	93.3	94.5	94.9	94.9	96.0	96.2	96.2	96.7	96.7	97.1	97.6
≥ 900	16.7	87.1	90.0	90.3	92.7	93.3	94.5	94.9	94.9	96.0	96.2	96.2	96.7	96.7	97.1	97.6
≥ 800	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.2	97.2	97.6	98.0
≥ 700	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.2	97.2	97.6	98.0
≥ 600	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.2	97.2	97.6	98.0
≥ 500	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.3	97.3	97.7	98.5
≥ 400	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.3	97.3	97.7	98.6
≥ 300	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.1	95.1	96.3	96.5	96.5	97.4	97.4	97.9	98.8
≥ 200	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.2	95.2	96.4	96.6	96.6	97.6	97.6	98.0	99.1
≥ 100	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.2	95.2	96.4	96.6	96.6	97.6	97.6	98.1	99.5
≥ 0	16.7	87.1	90.0	90.3	92.7	93.3	94.5	95.2	95.2	96.4	96.6	96.6	97.6	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-81

4A

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	15.3	55.8	56.0	56.1	56.4	56.4	56.7	56.8	56.9	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 20000	15.3	58.2	53.4	58.5	58.8	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3
≥ 18000	15.3	61.2	61.4	61.5	61.9	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 16000	15.5	61.6	61.9	62.0	62.3	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 14000	15.5	63.0	63.2	63.3	63.7	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 12000	15.5	63.5	63.7	63.8	64.1	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 10000	15.7	64.3	64.5	64.6	64.9	64.9	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 9000	15.7	64.8	65.3	65.4	65.8	65.8	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 8000	15.9	69.8	70.6	70.8	71.2	71.2	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 7000	16.3	74.3	75.7	76.1	76.5	76.6	77.9	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 6000	16.3	76.6	78.7	79.2	80.4	80.8	82.4	82.9	82.9	83.4	83.4	83.4	83.6	83.6	83.7	84.2
≥ 5000	16.4	85.3	88.1	88.5	90.0	90.6	92.4	93.0	93.0	93.8	93.8	93.8	94.0	94.0	94.2	94.6
≥ 4500	16.4	85.6	88.3	88.8	90.3	90.8	92.7	93.2	93.2	94.0	94.0	94.0	94.3	94.3	94.4	94.8
≥ 4000	16.4	85.9	88.7	89.1	90.7	91.3	93.2	93.8	93.8	95.0	95.4	95.4	95.8	95.8	95.9	96.3
≥ 3500	16.4	86.0	88.8	89.2	91.0	91.5	93.5	94.0	94.0	95.2	95.6	95.6	96.0	96.0	96.1	96.6
≥ 3000	16.6	86.6	89.3	89.8	91.6	92.2	94.2	94.7	94.7	95.9	96.3	96.3	96.7	96.7	96.8	97.3
≥ 2500	16.6	86.6	89.5	89.9	91.9	92.4	94.4	95.2	95.2	96.4	96.9	96.9	97.3	97.3	97.4	97.8
≥ 2000	16.6	86.6	89.6	90.0	92.0	92.6	94.6	95.4	95.4	96.8	97.3	97.3	97.7	97.7	97.8	98.3
≥ 1800	16.6	86.6	89.6	90.0	92.0	92.6	94.6	95.4	95.4	96.8	97.3	97.3	97.7	97.7	97.8	98.3
≥ 1500	16.6	86.6	89.6	90.0	92.0	92.6	94.6	95.4	95.4	96.8	97.3	97.3	97.7	97.7	97.8	98.3
≥ 1200	16.6	86.6	89.6	90.0	92.0	92.6	94.6	95.4	95.5	96.9	97.4	97.4	97.8	97.8	97.9	98.4
≥ 1000	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.5	95.6	97.0	97.5	97.6	98.1	98.1	98.2	98.7
≥ 900	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.5	95.6	97.0	97.5	97.6	98.1	98.1	98.2	98.7
≥ 800	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.2	98.2	98.3	98.9
≥ 700	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.2	98.2	98.3	98.9
≥ 600	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.2	98.2	98.3	98.9
≥ 500	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.2	98.2	98.3	99.2
≥ 400	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.2	98.2	98.3	99.2
≥ 300	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.6	95.8	97.1	97.6	97.7	98.3	98.3	98.4	99.3
≥ 200	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.8	95.9	97.3	97.7	97.8	98.4	98.4	98.6	99.5
≥ 100	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.8	95.9	97.3	97.7	97.8	98.4	98.4	98.6	99.5
≥ 0	16.6	86.6	89.6	90.0	92.1	92.7	94.7	95.8	95.9	97.3	97.7	97.8	98.4	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17603

THULE AB GL

70,73-81

MAI

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	13.6 13.6	57.9 59.7	58.5 60.3	58.5 60.3	59.0 60.9	59.0 60.9	59.3 61.1	59.5 61.4	59.5 61.4	59.5 61.4	59.5 61.4	59.5 61.4	59.5 61.4	59.5 61.4	59.5 61.4	59.6 61.5
IV 18000 IV 16000	13.6 13.6	61.7 62.2	62.4 62.9	62.4 62.9	63.0 63.5	63.0 63.5	63.3 63.8	63.6 64.0	63.6 64.0	63.7 64.2	63.7 64.2	63.7 64.2	63.7 64.2	63.7 64.2	63.7 64.2	63.8 64.3
IV 14000 IV 12000	13.6 13.6	62.9 63.1	63.6 63.8	63.6 63.8	64.2 64.4	64.2 64.4	64.5 64.7	64.7 65.0	64.7 65.0	64.8 65.1	64.8 65.1	64.8 65.1	64.8 65.1	64.8 65.1	64.8 65.1	65.0 65.3
IV 10000 IV 9000	13.6 13.6	63.9 64.0	64.6 64.7	64.6 64.7	65.2 65.3	65.2 65.3	65.5 65.9	65.8 66.1	65.8 66.1	65.9 66.2	65.9 66.2	65.9 66.2	65.9 66.2	66.0 66.2	66.0 66.4	66.1 66.5
IV 8000 IV 7000	13.9 14.0	69.8 74.2	70.9 75.6	70.9 75.8	71.5 76.7	71.5 76.8	72.2 77.7	72.4 78.2	72.4 78.2	72.6 78.7	72.6 78.7	72.6 78.7	72.6 78.7	72.9 79.0	72.9 79.0	73.1 79.1
IV 6000 IV 5000	14.1 14.4	76.1 84.6	78.4 87.4	78.5 87.6	80.5 89.8	80.6 90.1	81.9 91.8	82.4 92.3	82.4 92.3	82.9 93.4	82.9 93.4	82.9 93.4	82.9 93.4	83.3 93.9	83.3 93.9	83.4 94.2
IV 4500 IV 4000	14.4 14.4	84.6 85.0	87.4 87.9	87.6 88.3	89.8 90.6	90.1 91.0	91.8 92.6	92.3 93.2	92.3 93.2	93.4 94.2	93.4 94.3	93.4 94.3	93.4 94.3	93.9 95.0	93.9 95.0	94.2 95.4
IV 3500 IV 3000	14.4 14.7	85.2 86.0	88.2 89.0	88.5 89.3	90.8 91.8	91.3 92.2	92.9 93.9	93.5 94.4	93.5 94.4	94.5 95.5	94.7 95.6	94.7 95.6	94.7 95.6	95.4 96.3	95.4 96.3	95.7 96.6
IV 2500 IV 2000	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.2 94.2	94.8 95.2	94.8 95.2	95.8 96.4	95.9 96.5	95.9 96.5	95.9 96.5	96.6 97.3	96.6 97.3	97.0 97.7
IV 1800 IV 1500	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.2 94.4	95.2 95.5	95.2 95.5	96.4 96.6	96.5 96.8	96.5 96.8	96.5 96.8	97.3 97.6	97.3 97.6	97.7 97.9
IV 1200 IV 1000	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.4 94.4	95.5 95.5	95.5 95.5	96.6 96.6	96.8 96.8	96.9 96.9	96.9 96.9	97.6 97.8	97.6 97.8	98.1 98.3
IV 900 IV 800	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.4 94.4	95.5 95.5	95.5 95.5	96.6 96.6	96.8 96.8	96.9 96.9	96.9 96.9	97.8 97.8	97.8 97.8	98.3 98.5
IV 700 IV 600	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.4 94.5	95.6 95.7	95.6 95.7	96.8 96.9	96.9 97.0	96.9 97.0	96.9 97.0	97.9 98.0	97.9 98.0	98.4 98.5
IV 500 IV 400	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.5 94.5	95.7 95.7	95.7 95.7	96.9 96.9	97.0 97.0	97.0 97.0	97.0 97.0	98.0 98.0	98.0 98.0	98.6 98.6
IV 300 IV 200	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.5 94.5	95.7 95.7	95.7 95.7	96.9 96.9	97.0 97.0	97.0 97.0	97.0 97.0	98.0 98.0	98.0 98.0	98.6 98.6
IV 100 IV 0	14.7 14.7	86.0 86.0	89.1 89.1	89.4 89.4	92.0 92.0	92.5 92.5	94.5 94.5	95.7 95.7	95.7 95.7	96.9 96.9	97.0 97.0	97.0 97.0	97.0 97.0	98.0 98.0	98.0 98.0	98.6 98.6

TOTAL NUMBER OF OBSERVATIONS 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17655

THULE A3 GL

70,73-81

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.7	59.0	59.7	59.9	60.7	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	3.7	60.2	60.9	61.0	61.8	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	3.7	61.4	62.1	62.2	63.0	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	3.7	61.5	62.4	62.5	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	3.7	61.5	62.4	62.5	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	3.7	61.5	62.4	62.5	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	3.7	62.4	63.4	63.5	64.5	64.5	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	3.7	63.0	64.1	64.2	65.3	65.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	3.7	63.8	70.5	70.6	71.8	71.8	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	3.7	72.9	75.1	75.6	76.9	76.9	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	3.7	75.5	78.4	78.9	80.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	3.3	86.3	90.0	90.5	92.6	92.6	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.5	94.6	94.6
≥ 4500	3.9	86.3	90.0	90.5	92.6	92.6	93.3	94.0	94.0	94.3	94.3	94.3	94.3	94.5	94.6	94.6
≥ 4000	3.9	87.3	91.0	91.7	93.8	93.8	94.6	95.3	95.3	95.6	95.8	95.8	95.8	96.0	96.1	96.1
≥ 3500	3.9	87.3	91.1	91.8	93.9	93.9	94.7	95.4	95.4	95.7	95.9	95.9	95.9	96.1	96.3	96.3
≥ 3000	3.9	87.6	91.5	92.2	94.4	94.4	95.2	95.9	95.9	96.1	96.4	96.4	96.4	96.6	96.7	96.7
≥ 2500	3.9	87.7	91.7	92.4	94.6	94.6	95.4	96.1	96.1	96.4	96.6	96.6	96.6	96.8	97.0	97.0
≥ 2000	3.9	88.0	91.9	92.6	94.9	94.9	95.7	96.5	96.5	97.1	97.3	97.3	97.3	97.5	97.7	97.7
≥ 1800	3.9	88.0	91.9	92.6	94.9	95.1	95.9	96.7	96.7	97.3	97.5	97.5	97.5	97.8	97.9	97.9
≥ 1500	3.9	88.0	91.9	92.6	94.9	95.1	95.9	96.7	96.7	97.3	97.5	97.5	97.5	97.8	97.9	97.9
≥ 1200	3.9	88.1	92.1	92.8	95.0	95.2	96.0	96.8	96.8	97.4	97.7	97.7	97.7	97.9	98.0	98.0
≥ 1000	3.9	88.1	92.1	92.8	95.0	95.2	96.0	96.8	96.8	97.4	97.9	97.9	97.9	98.2	98.4	98.4
≥ 900	3.9	88.1	92.1	92.8	95.0	95.2	96.0	96.8	96.8	97.4	97.9	97.9	97.9	98.2	98.4	98.4
≥ 800	3.9	88.1	92.1	92.8	95.0	95.2	96.0	96.8	96.8	97.4	97.9	97.9	97.9	98.2	98.4	98.4
≥ 700	3.9	88.1	92.1	92.8	95.0	95.2	96.0	96.8	96.8	97.4	97.9	97.9	97.9	98.2	98.4	98.4
≥ 600	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.7	98.1	98.1	98.1	98.5	98.7	98.7
≥ 500	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.7	98.1	98.1	98.1	98.6	98.8	98.8
≥ 400	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.8	98.2	98.2	98.2	98.7	98.9	98.9
≥ 300	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.8	98.2	98.2	98.2	98.7	98.9	98.9
≥ 200	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.8	98.2	98.2	98.2	98.7	98.9	98.9
≥ 100	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.8	98.2	98.2	98.2	98.7	98.9	98.9
≥ 0	3.9	88.1	92.1	92.8	95.0	95.2	96.3	97.1	97.1	97.8	98.2	98.2	98.2	98.8	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17575

THULE AB GL

70, 73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING	9.7	58.1	58.8	58.8	59.3	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8
≥ 20000	9.7	59.8	60.5	60.6	61.0	61.0	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.6
≥ 18000	9.7	61.8	62.5	62.6	63.0	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.6
≥ 16000	9.7	62.1	62.8	62.9	63.3	63.3	63.5	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.9	64.0
≥ 14000	9.7	62.6	63.4	63.4	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 12000	9.7	63.0	63.8	63.8	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9
≥ 10000	9.9	64.0	64.8	64.9	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.0	66.1
≥ 9000	9.9	64.7	65.5	65.6	66.2	66.2	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8	66.9
≥ 8000	10.1	69.8	71.0	71.1	71.9	71.9	72.3	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.9	73.0
≥ 7000	10.2	74.3	75.8	76.0	77.1	77.2	77.8	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.6	78.7
≥ 6000	10.2	77.1	79.5	79.7	81.6	81.7	82.5	82.8	82.8	83.2	83.3	83.3	83.4	83.5	83.5	83.7
≥ 5000	10.3	85.1	87.8	88.1	90.5	90.7	91.6	92.1	92.1	92.8	92.9	92.9	93.1	93.1	93.2	93.4
≥ 4500	10.3	85.2	87.9	88.2	90.6	90.8	91.8	92.2	92.2	92.9	93.0	93.0	93.2	93.2	93.4	93.5
≥ 4000	10.3	85.9	88.8	89.2	91.7	92.0	93.0	93.5	93.5	94.3	94.5	94.5	94.8	94.8	94.9	95.1
≥ 3500	10.4	86.2	89.1	89.5	92.0	92.3	93.3	93.9	93.9	94.8	94.9	94.9	95.2	95.2	95.3	95.5
≥ 3000	10.4	86.5	89.5	89.9	92.6	92.8	93.9	94.4	94.4	95.3	95.5	95.5	95.8	95.8	95.9	96.1
≥ 2500	10.5	86.8	89.9	90.2	92.9	93.2	94.3	94.9	94.9	95.8	96.0	96.0	96.3	96.3	96.5	96.6
≥ 2000	10.5	86.9	90.1	90.5	93.3	93.6	94.8	95.5	95.5	96.6	96.7	96.7	97.1	97.1	97.3	97.4
≥ 1800	10.5	86.9	90.2	90.6	93.4	93.7	94.9	95.6	95.6	96.7	96.8	96.9	97.2	97.2	97.4	97.6
≥ 1500	10.5	86.9	90.2	90.6	93.4	93.8	95.1	95.8	95.8	96.9	97.1	97.1	97.4	97.4	97.6	97.8
≥ 1200	10.5	86.9	90.3	90.7	93.5	93.9	95.2	95.8	95.9	97.0	97.2	97.2	97.5	97.5	97.7	97.9
≥ 1000	10.5	87.0	90.4	90.7	93.6	94.0	95.3	95.9	96.0	97.2	97.4	97.4	97.8	97.8	98.0	98.3
≥ 900	10.5	87.0	90.4	90.7	93.6	94.0	95.3	95.9	96.0	97.3	97.5	97.5	98.0	98.0	98.3	98.5
≥ 800	10.5	87.0	90.4	90.7	93.6	94.0	95.3	96.0	96.1	97.3	97.5	97.6	98.1	98.1	98.3	98.5
≥ 700	10.5	87.0	90.4	90.8	93.6	94.0	95.3	96.0	96.1	97.4	97.6	97.7	98.2	98.2	98.4	98.7
≥ 600	10.5	87.0	90.4	90.8	93.6	94.0	95.3	96.1	96.1	97.4	97.6	97.7	98.3	98.3	98.6	99.0
≥ 500	10.5	87.0	90.4	90.8	93.7	94.0	95.4	96.1	96.1	97.4	97.6	97.7	98.3	98.3	98.6	99.1
≥ 400	10.5	87.0	90.4	90.8	93.7	94.1	95.4	96.2	96.2	97.4	97.7	97.8	98.4	98.4	98.7	99.2
≥ 300	10.5	87.1	90.4	90.8	93.7	94.1	95.4	96.2	96.2	97.4	97.7	97.8	98.4	98.5	98.8	99.4
≥ 200	10.5	87.1	90.4	90.8	93.7	94.1	95.4	96.2	96.2	97.4	97.7	97.8	98.4	98.5	98.9	99.6
≥ 100	10.5	87.1	90.4	90.8	93.7	94.1	95.4	96.2	96.2	97.4	97.7	97.8	98.4	98.5	98.9	99.6
≥ 0	10.5	87.1	90.4	90.8	93.7	94.1	95.4	96.2	96.2	97.4	97.7	97.8	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17015

THULE AB GL

70,73-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	10.6 11.1	51.8 52.9	52.0 53.3	52.0 53.4	52.3 53.8	52.3 53.8	52.4 53.9	52.5 54.0	52.5 54.0	52.5 54.0	52.5 54.0	52.5 54.0	52.5 54.0	52.5 54.0	52.5 54.0	52.6 54.1
≥ 18000 N 6900	11.2 11.2	54.6 55.7	55.3 56.2	55.4 56.4	55.8 56.7	55.8 56.7	55.9 56.8	56.0 56.9	56.0 56.9	56.0 56.9	56.0 56.9	56.0 56.9	56.0 56.9	56.0 56.9	56.0 56.9	56.1 57.1
≥ 14000 N 2000	11.2 11.2	56.1 56.2	56.7 56.8	56.8 56.9	57.2 57.3	57.2 57.3	57.3 57.4	57.4 57.5	57.4 57.5	57.4 57.5	57.4 57.5	57.4 57.5	57.4 57.5	57.4 57.5	57.4 57.5	57.5 57.6
≥ 10000 N 9000	11.4 11.4	57.8 59.5	58.6 60.3	58.7 60.6	59.2 61.0	59.2 61.0	59.3 61.1	59.4 61.3	59.4 61.3	59.4 61.3	59.4 61.3	59.4 61.3	59.4 61.3	59.4 61.3	59.4 61.3	59.5 61.4
≥ 8000 N 7000	11.8 11.8	63.8 69.5	65.0 71.2	65.2 71.4	65.8 72.1	65.8 72.1	66.0 72.3	66.4 72.8	66.4 72.8	66.5 72.9	66.5 72.9	66.5 72.9	66.5 72.9	66.5 72.9	66.5 72.9	66.6 73.0
≥ 6000 N 5000	12.1 12.6	72.6 82.5	74.7 85.1	74.9 85.3	76.1 87.3	76.3 87.5	76.7 88.8	77.2 89.6	77.2 89.6	77.5 90.1	77.5 90.1	77.5 90.1	77.5 90.1	77.5 90.1	77.5 90.1	77.6 90.4
≥ 4500 N 4000	12.5 13.7	83.3 84.5	85.9 87.2	86.1 87.4	88.2 89.6	88.4 90.0	89.7 91.4	90.5 92.3	90.5 92.3	91.0 92.9	91.0 93.1	91.0 93.1	91.0 93.1	91.0 93.1	91.1 93.2	91.4 93.5
≥ 3500 N 3000	13.0 13.0	84.5 85.2	87.3 88.1	87.7 88.6	90.1 91.1	90.4 91.5	91.8 93.0	92.8 93.9	92.8 93.9	93.3 94.5	93.6 94.7	93.6 94.7	93.6 94.7	93.6 94.7	93.7 94.9	93.9 95.1
≥ 2500 N 2000	13.1 13.1	85.4 85.6	88.3 88.9	88.8 89.4	91.4 92.2	91.7 92.6	93.2 94.3	94.4 95.4	94.4 95.4	95.0 96.0	95.2 96.3	95.2 96.3	95.2 96.3	95.2 96.3	95.2 96.4	95.6 96.6
≥ 1800 N 1500	13.1 13.1	85.6 85.6	88.9 88.9	89.4 89.4	92.2 92.2	92.6 92.6	94.3 94.4	95.4 95.6	95.4 95.6	96.0 96.1	96.3 96.4	96.3 96.4	96.3 96.4	96.3 96.4	96.4 96.5	96.6 96.7
≥ 1200 N 1000	13.1 13.1	85.8 85.8	89.0 89.0	89.5 89.5	92.3 92.3	92.8 92.9	94.5 94.6	95.7 95.9	95.7 95.9	96.3 96.5	96.5 96.7	96.5 96.7	96.5 96.7	96.5 96.7	96.6 96.8	96.9 97.1
≥ 900 N 800	13.1 13.1	85.9 86.0	89.1 89.3	89.6 89.7	92.4 92.5	93.0 93.1	94.7 94.9	96.0 96.1	96.0 96.1	96.6 96.7	96.8 97.0	96.8 97.0	96.8 97.0	96.8 97.3	97.0 97.4	97.2 97.7
≥ 700 N 600	13.1 13.1	86.0 86.0	89.4 89.6	89.8 90.1	92.6 92.9	93.2 93.5	95.0 95.2	96.3 96.5	96.3 96.5	96.8 97.1	97.1 97.3	97.1 97.3	97.1 97.3	97.4 97.7	97.4 97.9	97.8 98.0
≥ 500 N 400	13.1 13.1	86.0 86.0	89.6 89.6	90.1 90.1	92.9 92.9	93.5 93.5	95.2 95.2	96.5 96.5	96.5 96.5	97.1 97.2	97.3 97.4	97.3 97.4	97.3 97.4	97.7 97.9	97.7 98.1	98.1 98.4
≥ 300 N 200	13.1 13.1	86.0 86.0	89.6 89.6	90.1 90.1	92.9 92.9	93.5 93.5	95.2 95.2	96.5 96.5	96.5 96.5	97.2 97.2	97.4 97.4	97.4 97.4	97.4 97.4	97.9 97.9	98.1 98.1	98.5 98.6
≥ 100 N 0	13.1 13.1	86.0 86.0	89.6 89.6	90.1 90.1	92.9 92.9	93.5 93.5	95.2 95.2	96.5 96.5	96.5 96.5	97.2 97.2	97.4 97.4	97.4 97.4	97.4 97.4	97.9 97.9	98.1 98.1	99.3 100.0

TOTAL NUMBER OF OBSERVATIONS 657

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17655

THULE AB GL

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.3	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	11.6	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	11.6	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	11.8	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	11.8	53.9	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	11.9	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	11.9	56.2	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	11.9	57.0	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000	12.6	63.7	64.7	64.7	65.5	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.2
≥ 7000	12.6	70.2	72.3	72.3	73.3	73.6	73.6	73.7	73.7	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 6000	13.2	72.6	75.4	75.8	77.1	77.4	77.4	77.7	77.7	78.4	78.6	78.6	78.8	78.8	78.8	78.8
≥ 5000	13.7	81.4	84.3	84.7	86.6	87.2	87.2	87.9	87.9	89.1	89.3	89.3	89.5	89.5	89.5	89.5
≥ 4500	13.7	81.4	84.3	84.7	86.6	87.2	87.2	87.9	87.9	89.1	89.3	89.3	89.5	89.5	89.5	89.5
≥ 4000	14.7	82.6	85.7	86.1	88.2	88.8	89.7	90.4	90.4	91.5	91.8	91.8	92.0	92.0	92.0	92.0
≥ 3500	14.0	82.7	85.8	86.3	88.5	89.1	90.0	90.7	90.7	91.9	92.1	92.1	92.4	92.4	92.4	92.4
≥ 3000	14.3	93.9	87.0	87.4	89.7	90.4	91.3	92.0	92.0	93.3	93.5	93.5	93.8	93.8	93.8	93.8
≥ 2500	14.5	84.0	87.2	87.7	89.9	90.6	91.7	92.4	92.4	93.7	93.9	93.9	94.1	94.1	94.1	94.1
≥ 2000	14.5	94.7	87.9	88.4	90.6	91.3	92.5	93.3	93.4	94.8	95.1	95.1	95.5	95.5	95.5	95.5
≥ 1800	14.5	84.7	87.9	88.4	90.6	91.3	92.5	93.3	93.4	94.8	95.1	95.1	95.5	95.5	95.5	95.5
≥ 1500	14.5	84.7	87.9	88.4	90.6	91.4	92.9	93.9	94.0	95.4	95.7	95.7	96.1	96.1	96.1	96.1
≥ 1200	14.5	84.8	88.0	88.5	90.7	91.5	93.1	94.0	94.1	95.5	95.8	95.8	96.2	96.2	96.2	96.2
≥ 1000	14.5	84.8	88.0	88.5	90.8	91.7	93.4	94.4	94.5	96.0	96.2	96.2	96.7	96.7	96.7	96.8
≥ 900	14.5	84.8	88.0	88.5	90.8	91.7	93.4	94.4	94.5	96.0	96.2	96.2	96.7	96.7	96.7	96.8
≥ 800	14.5	85.0	88.1	88.6	91.0	91.8	93.7	94.6	94.7	96.2	96.5	96.5	97.3	97.3	97.3	97.4
≥ 700	14.5	85.1	88.2	88.7	91.1	91.9	93.8	94.7	94.8	96.4	96.6	96.6	97.4	97.4	97.4	97.5
≥ 600	14.5	85.1	88.4	88.8	91.4	92.2	94.1	95.1	95.2	96.7	96.9	97.1	97.9	97.9	97.9	98.0
≥ 500	14.5	85.1	88.4	88.8	91.4	92.2	94.1	95.1	95.2	96.7	96.9	97.1	97.9	97.9	97.9	98.4
≥ 400	14.5	85.1	88.4	88.8	91.4	92.2	94.1	95.1	95.2	96.7	96.9	97.1	97.9	97.9	97.9	98.4
≥ 300	14.5	85.1	88.4	88.8	91.5	92.4	94.2	95.2	95.3	96.8	97.1	97.2	98.0	98.1	98.1	98.6
≥ 200	14.5	85.1	88.4	88.8	91.5	92.4	94.2	95.2	95.3	96.8	97.1	97.2	98.1	98.2	98.4	98.9
≥ 100	14.5	85.1	88.4	88.8	91.5	92.4	94.2	95.2	95.3	96.8	97.1	97.2	98.1	98.2	98.4	99.5
≥ 0	14.5	85.1	88.4	88.8	91.5	92.4	94.2	95.2	95.3	96.8	97.1	97.2	98.1	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 851

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17075

THULE AB GL

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	13.5	43.8	48.8	48.8	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.4
≥ 20000	14.2	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.9
≥ 18000	14.3	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	53.1	53.1	53.1	53.2
≥ 16000	14.3	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.5	54.5	54.5	54.6
≥ 14000	14.3	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.3
≥ 12000	14.4	54.8	54.9	54.9	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5
≥ 10000	14.7	56.1	56.2	56.2	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	57.0
≥ 9000	14.7	57.6	57.7	57.7	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.8
≥ 8000	15.4	62.9	63.6	63.7	65.0	65.0	65.4	65.4	65.4	65.6	65.6	65.6	66.1	66.1	66.1	66.4
≥ 7000	15.4	68.5	70.0	70.1	71.7	71.7	72.3	72.3	72.3	72.5	72.5	72.5	73.0	73.0	73.0	73.4
≥ 6000	16.0	70.9	72.7	72.9	75.4	75.5	76.9	76.9	76.9	77.2	77.5	77.5	78.1	78.1	78.1	78.4
≥ 5000	16.0	80.2	82.4	82.6	86.2	86.3	87.8	87.8	87.8	88.4	88.6	88.6	89.3	89.3	89.4	89.8
≥ 4500	16.0	80.3	82.5	83.0	86.5	86.6	88.1	88.1	88.1	88.7	89.0	89.0	89.7	89.7	89.8	90.1
≥ 4000	16.1	81.1	83.3	83.8	87.6	87.7	89.2	89.4	89.4	90.1	90.4	90.4	91.1	91.1	91.2	91.5
≥ 3500	16.1	81.3	83.6	84.0	87.9	88.0	89.6	89.8	89.8	90.5	90.7	90.7	91.4	91.4	91.5	91.9
≥ 3000	16.4	82.6	85.0	85.4	89.3	89.4	91.0	91.2	91.2	92.0	92.3	92.3	93.0	93.0	93.1	93.4
≥ 2500	16.4	82.6	85.3	85.8	89.7	89.8	91.3	91.5	91.5	92.4	92.6	92.6	93.3	93.3	93.4	93.8
≥ 2000	16.4	82.6	85.3	85.8	89.7	89.8	91.4	91.7	91.8	92.7	93.0	93.0	93.7	93.7	93.9	94.2
≥ 1800	16.5	82.7	85.4	85.9	89.8	89.9	91.5	91.8	91.9	92.8	93.1	93.1	93.8	93.8	94.0	94.4
≥ 1500	16.5	82.7	85.4	85.9	89.9	90.0	91.9	92.1	92.3	93.3	93.5	93.5	94.2	94.2	94.5	94.8
≥ 1200	16.5	83.1	85.8	86.3	90.4	90.6	92.5	92.7	93.0	94.1	94.4	94.4	95.1	95.1	95.3	95.7
≥ 1000	16.5	83.1	85.9	86.4	90.5	90.7	92.7	93.1	93.3	95.0	95.2	95.2	95.9	95.9	96.1	96.5
≥ 900	16.5	83.1	85.9	86.4	90.5	90.8	92.8	93.2	93.4	95.1	95.3	95.3	96.0	96.0	96.2	96.6
≥ 800	16.5	83.1	85.9	86.4	90.6	91.0	93.0	93.3	93.5	95.3	95.5	95.5	96.7	96.7	96.9	97.5
≥ 700	16.5	83.1	85.9	86.4	90.6	91.1	93.1	93.4	93.7	95.4	95.7	95.7	96.8	96.8	97.1	97.7
≥ 600	16.5	83.1	86.2	86.6	90.8	91.4	93.4	93.8	94.0	95.8	96.0	96.0	96.0	97.2	97.4	98.0
≥ 500	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	97.8
≥ 400	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	97.8
≥ 300	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	97.8
≥ 200	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	98.1
≥ 100	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	98.1
≥ 0	16.5	83.1	86.2	86.6	91.1	91.7	93.7	94.0	94.2	96.0	96.2	96.2	96.2	97.4	97.4	98.1

TOTAL NUMBER OF OBSERVATIONS 552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675
STATION

THULE AB GL
STATION NAME

73,73-81
YEARS

AP7
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.9	49.4	49.6	49.6	49.9	49.9	50.1	50.1	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.5
≥ 20000	14.3	51.7	52.1	52.1	52.5	52.5	52.7	52.7	52.7	52.8	52.9	52.9	53.0	53.0	53.0	53.1
≥ 18000	15.0	54.0	54.3	54.3	54.8	54.8	54.9	54.9	54.9	55.0	55.1	55.1	55.3	55.3	55.3	55.4
≥ 16000	15.0	54.5	55.0	55.0	55.5	55.5	55.6	55.6	55.6	55.7	55.8	55.8	56.0	56.0	56.0	56.1
≥ 14000	15.1	55.5	56.0	56.0	56.4	56.4	56.6	56.6	56.6	56.7	56.8	56.8	56.9	56.9	56.9	57.0
≥ 12000	15.3	55.8	56.3	56.3	56.8	56.8	56.9	56.9	56.9	57.0	57.1	57.1	57.3	57.3	57.3	57.4
≥ 10000	15.3	56.2	56.7	56.7	57.5	57.5	57.6	57.6	57.6	57.7	57.9	57.9	58.0	58.0	58.0	58.1
≥ 9000	15.3	58.0	58.6	58.6	59.4	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.9	59.9	59.9	60.0
≥ 8000	16.1	62.5	63.2	63.2	64.6	64.6	65.2	65.2	65.2	65.4	65.5	65.5	65.6	65.6	66.1	66.2
≥ 7000	16.1	66.2	68.0	68.0	69.9	69.9	70.5	70.5	70.5	70.7	70.8	70.8	71.0	71.0	71.4	71.5
≥ 6000	16.4	69.3	71.9	71.9	74.6	74.6	75.9	76.0	76.0	76.3	76.4	76.4	76.5	76.5	77.0	77.1
≥ 5000	16.5	79.6	82.5	82.5	86.3	86.3	88.1	88.4	88.4	88.8	88.9	88.9	89.0	89.0	89.5	89.7
≥ 4500	16.5	79.9	83.1	83.1	87.0	87.1	88.9	89.3	89.3	89.6	89.7	89.7	89.8	89.8	90.3	90.6
≥ 4000	16.6	80.9	84.5	84.5	88.5	89.0	90.8	91.5	91.5	92.1	92.2	92.2	92.4	92.4	92.9	93.2
≥ 3500	16.6	81.2	84.9	84.9	88.9	89.4	91.5	92.2	92.2	92.8	92.9	92.9	93.2	93.2	93.6	93.9
≥ 3000	16.9	82.2	86.1	86.1	90.3	90.9	93.0	93.7	93.7	94.3	94.5	94.5	94.7	94.7	95.2	95.4
≥ 2500	17.0	82.4	86.3	86.3	90.6	91.1	93.3	94.0	94.0	94.6	94.7	94.7	94.9	94.9	95.4	95.6
≥ 2000	17.0	82.6	86.7	86.7	91.1	91.9	94.0	94.9	94.9	95.5	95.6	95.6	95.9	95.9	96.3	96.6
≥ 1800	17.2	82.9	86.9	86.9	91.4	92.1	94.2	95.2	95.2	95.7	95.9	95.9	96.1	96.1	96.6	96.8
≥ 1500	17.2	82.9	86.9	86.9	91.5	92.2	94.7	95.6	95.6	96.2	96.3	96.3	96.6	96.6	97.0	97.3
≥ 1200	17.2	82.9	86.9	86.9	91.9	92.6	95.2	96.1	96.1	96.7	96.8	96.8	97.0	97.0	97.5	97.8
≥ 1000	17.2	83.2	87.2	87.2	92.7	92.9	95.5	96.5	96.5	97.0	97.3	97.3	97.5	97.5	98.0	98.2
≥ 900	17.2	83.2	87.2	87.2	92.2	92.9	95.5	96.5	96.5	97.0	97.3	97.3	97.5	97.5	98.0	98.2
≥ 800	17.2	83.2	87.2	87.2	92.2	92.9	95.5	96.5	96.5	97.0	97.3	97.3	97.5	97.5	98.0	98.2
≥ 700	17.4	83.4	87.4	87.4	92.3	93.0	95.6	96.6	96.6	97.2	97.4	97.4	97.6	97.6	98.1	98.3
≥ 600	17.4	83.6	87.6	87.6	92.6	93.3	95.9	96.8	96.8	97.4	97.9	97.9	98.1	98.1	98.7	98.9
≥ 500	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.5	98.0	98.0	98.3	98.3	98.9	99.2
≥ 400	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.5	98.0	98.0	98.3	98.3	98.9	99.2
≥ 300	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.6	98.1	98.1	98.7	98.7	99.3	99.5
≥ 200	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.6	98.1	98.1	98.7	98.7	99.3	99.6
≥ 100	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.8	98.2	98.2	98.8	98.8	99.4	100.0
≥ 0	17.4	83.6	87.6	87.6	92.7	93.4	96.0	96.9	96.9	97.8	98.2	98.2	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 847

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	12.5	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.7
≥ 18000	13.3	51.4	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	52.1	52.5
≥ 16000	14.1	54.3	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	55.0	55.5
≥ 14000	14.1	55.0	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	56.4
≥ 12000	14.1	55.2	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.2	56.6
≥ 10000	14.9	56.4	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.8
≥ 9000	15.2	57.0	57.6	57.6	57.9	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5	59.0
≥ 8000	15.2	58.0	58.6	58.6	59.3	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.5
≥ 7000	16.3	61.1	61.9	61.9	63.5	63.7	64.0	64.4	64.4	64.6	64.7	64.7	64.7	64.7	65.2	65.7
≥ 6000	16.6	65.5	66.9	67.0	68.5	68.9	69.2	69.6	69.6	69.8	70.0	70.0	70.0	70.0	70.5	71.0
≥ 5000	16.9	69.0	70.9	71.0	73.6	74.1	74.9	75.8	75.8	76.0	76.3	76.3	76.4	76.4	76.9	77.3
≥ 4500	16.9	78.7	81.1	81.2	84.6	85.4	86.7	87.8	87.8	88.2	88.5	88.5	88.7	88.7	89.2	89.7
≥ 4000	16.9	79.2	81.7	82.0	85.5	86.4	87.7	88.7	88.7	89.2	89.4	89.4	89.7	89.7	90.1	90.6
≥ 3500	16.9	80.7	83.3	83.7	87.4	88.4	90.0	91.2	91.3	91.8	92.1	92.1	92.5	92.5	92.9	93.3
≥ 3000	16.9	81.2	83.8	84.1	87.9	88.8	90.6	91.8	91.9	92.4	92.7	92.7	93.1	93.1	93.5	94.4
≥ 2500	17.3	81.9	84.6	85.0	88.7	89.7	91.4	92.7	92.8	93.3	93.7	93.7	94.4	94.4	94.8	95.7
≥ 2000	17.4	82.1	84.8	85.2	89.0	89.9	91.7	92.9	93.1	93.5	93.9	93.9	94.6	94.6	95.1	95.9
≥ 1800	17.6	82.4	85.1	85.4	89.8	90.8	92.8	94.2	94.4	94.9	95.3	95.3	95.4	96.1	96.6	97.4
≥ 1500	17.6	82.4	85.1	85.4	89.8	90.8	92.8	94.2	94.4	94.9	95.3	95.3	95.4	96.1	96.6	97.4
≥ 1200	17.6	82.4	85.1	85.4	89.8	90.8	92.8	94.2	94.4	94.9	95.3	95.3	95.4	96.1	96.6	97.4
≥ 1000	17.6	82.7	85.4	86.0	90.4	91.7	93.9	95.3	95.4	96.1	96.5	96.6	97.4	97.4	97.9	98.7
≥ 900	17.6	82.7	85.4	86.0	90.4	91.7	93.9	95.3	95.4	96.1	96.5	96.6	97.4	97.4	97.9	98.7
≥ 800	17.6	82.7	85.4	86.0	90.4	91.7	93.9	95.3	95.4	96.1	96.5	96.6	97.4	97.4	97.9	98.7
≥ 700	17.6	82.7	85.4	86.0	90.5	91.8	94.0	95.4	95.5	96.2	96.6	96.7	97.5	97.5	98.0	98.8
≥ 600	17.6	82.7	85.4	86.0	90.5	91.8	94.0	95.4	95.5	96.2	96.6	96.7	97.6	97.6	98.1	98.9
≥ 500	17.6	83.0	85.7	86.3	90.7	92.0	94.2	95.7	95.8	96.5	96.8	96.9	98.0	98.0	98.5	99.4
≥ 400	17.6	83.0	85.7	86.3	90.7	92.0	94.4	95.8	95.9	96.6	96.9	97.1	98.1	98.1	98.6	99.5
≥ 300	17.6	83.0	85.7	86.3	90.7	92.0	94.4	95.8	95.9	96.6	96.9	97.1	97.2	98.2	98.2	98.7
≥ 200	17.6	83.0	85.7	86.3	90.7	92.0	94.4	95.8	95.9	96.6	96.9	97.1	97.2	98.2	98.2	98.7
≥ 100	17.6	83.0	85.7	86.3	90.7	92.0	94.4	95.8	95.9	96.6	96.9	97.1	97.2	98.2	98.2	98.7
≥ 0	17.6	83.0	85.7	86.3	90.7	92.0	94.4	95.8	95.9	96.6	96.9	97.1	97.2	98.2	98.2	98.7

TOTAL NUMBER OF OBSERVATIONS 851

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005

THULE AB GL

70,73-81

APF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.3	50.0	50.0	50.0	50.4	50.4	50.5	50.5	50.5	50.7	50.7	50.7	50.9	50.9	50.9	50.9
≥ 20000	13.3	51.9	51.9	51.9	52.4	52.4	52.5	52.5	52.5	52.7	52.7	52.7	53.0	53.0	53.0	53.0
≥ 18000	14.4	54.6	55.0	55.0	55.4	55.4	55.6	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0
≥ 16000	14.5	55.1	55.4	55.4	55.9	55.9	56.0	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5
≥ 14000	14.5	55.6	55.9	55.9	56.4	56.4	56.5	56.5	56.5	56.7	56.7	56.7	57.0	57.0	57.0	57.0
≥ 12000	14.9	56.5	56.9	56.9	57.3	57.3	57.4	57.4	57.4	57.7	57.7	57.7	57.9	57.9	57.9	57.9
≥ 10000	15.8	58.0	58.4	58.4	58.9	58.9	59.1	59.1	59.1	59.5	59.5	59.5	59.7	59.7	59.7	59.7
≥ 9000	15.8	59.1	59.8	59.8	60.6	60.6	60.9	60.9	60.9	61.2	61.2	61.2	61.5	61.5	61.5	61.5
≥ 8000	17.0	63.6	64.4	64.4	65.7	65.7	66.2	66.2	66.2	66.5	66.5	66.5	66.8	66.8	67.3	67.3
≥ 7000	17.5	67.5	68.7	68.7	70.3	70.3	70.8	70.8	70.8	71.2	71.2	71.2	71.4	71.4	71.9	71.9
≥ 6000	17.6	69.6	71.9	71.9	74.7	74.7	75.5	76.1	76.2	76.7	76.7	76.7	77.0	77.0	77.4	77.4
≥ 5000	18.3	79.4	82.2	82.2	86.1	86.1	87.2	87.9	88.1	88.5	88.5	88.5	88.9	88.9	89.6	89.7
≥ 4500	18.1	79.9	82.6	82.6	86.6	86.6	87.8	88.5	88.7	89.1	89.1	89.1	89.5	89.5	90.2	90.3
≥ 4000	18.1	81.0	83.7	83.7	88.2	88.2	89.6	90.4	90.5	91.1	91.1	91.1	91.6	91.6	92.4	92.6
≥ 3500	18.1	81.3	84.0	84.0	88.5	88.5	90.0	91.0	91.1	91.7	91.7	91.7	92.2	92.2	93.0	93.1
≥ 3000	18.4	81.9	84.9	84.9	89.4	89.4	90.8	92.1	92.3	92.9	92.9	92.9	93.4	93.4	94.2	94.3
≥ 2500	18.4	82.6	85.8	85.8	90.3	90.3	91.7	93.0	93.3	93.9	93.9	93.9	94.3	94.3	95.2	95.3
≥ 2000	18.4	83.1	86.5	86.5	91.4	91.5	93.1	94.4	94.7	95.3	95.3	95.3	95.7	95.7	96.6	96.7
≥ 1800	18.4	83.1	86.5	86.5	91.4	91.5	93.1	94.4	94.7	95.3	95.3	95.3	95.7	95.7	96.6	96.7
≥ 1500	18.4	83.1	86.5	86.5	91.5	91.6	93.4	94.7	94.9	95.7	95.7	95.7	96.2	96.2	97.0	97.2
≥ 1200	18.4	83.2	86.8	86.8	91.8	92.0	93.7	95.0	95.3	96.1	96.1	96.1	96.6	96.6	97.4	97.5
≥ 1000	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.5	96.5	96.5	96.9	96.9	97.8	97.9
≥ 900	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.5	96.5	96.5	96.9	96.9	97.8	97.9
≥ 800	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.6	96.6	97.0	97.0	97.9	98.0
≥ 700	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.6	96.6	97.0	97.0	97.9	98.0
≥ 600	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.6	96.6	97.2	97.2	98.0	98.1
≥ 500	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.6	96.6	97.3	97.3	98.1	98.2
≥ 400	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.6	96.6	97.3	97.3	98.3	98.5
≥ 300	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.7	96.8	97.4	97.4	98.6	98.9
≥ 200	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.7	96.8	97.4	97.4	98.7	99.2
≥ 100	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.7	96.8	97.4	97.4	98.7	99.8
≥ 0	18.4	83.3	86.9	86.9	92.1	92.2	94.0	95.4	95.6	96.6	96.7	96.8	97.5	97.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-61

APD

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.4	49.4	49.6	49.8	50.2	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	13.3	50.7	51.0	51.1	51.7	51.7	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	14.3	55.5	55.8	56.2	56.5	56.5	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	14.3	55.7	56.1	56.2	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	14.3	56.4	56.8	56.9	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	14.4	56.9	57.3	57.4	58.0	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	15.6	58.8	59.2	59.3	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	15.6	60.2	60.7	60.8	61.7	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	16.9	65.1	65.6	65.7	66.9	66.9	67.4	67.4	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	16.9	69.2	70.5	70.6	72.1	72.1	72.7	72.7	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	17.0	71.4	73.5	73.6	75.5	75.5	76.9	77.0	77.1	77.6	78.0	78.1	78.1	78.1	78.1	78.1
≥ 5000	17.5	81.4	83.8	84.0	87.1	87.3	89.3	89.4	89.5	90.0	90.4	90.5	90.5	90.5	90.5	90.5
≥ 4500	17.5	81.5	83.9	84.2	87.5	87.6	89.6	89.8	89.9	90.4	90.7	90.8	90.8	90.8	90.8	90.8
≥ 4000	17.5	82.4	84.9	85.2	89.4	89.5	91.5	92.0	92.1	92.6	93.0	93.1	93.1	93.1	93.1	93.1
≥ 3500	17.5	82.5	85.1	85.5	89.6	89.8	91.8	92.5	92.6	93.1	93.5	93.6	93.6	93.6	93.6	93.6
≥ 3000	17.5	82.6	85.5	85.8	90.1	90.2	92.4	93.3	93.5	94.2	94.5	94.6	94.8	94.8	94.8	94.8
≥ 2500	17.5	82.9	86.2	86.5	91.0	91.1	93.2	94.2	94.3	95.0	95.4	95.5	95.6	95.6	95.6	95.6
≥ 2000	17.5	83.2	86.7	87.0	91.7	91.8	94.0	95.1	95.2	96.0	96.3	96.4	96.5	96.5	96.5	96.5
≥ 1800	17.5	83.3	86.8	87.1	91.8	91.9	94.2	95.2	95.5	96.2	96.5	96.7	96.8	96.8	96.8	96.8
≥ 1500	17.5	83.3	86.8	87.1	91.8	92.0	94.4	95.6	95.8	96.8	97.1	97.3	97.4	97.4	97.4	97.4
≥ 1200	17.5	83.3	86.8	87.1	91.8	92.0	94.5	95.7	96.0	96.9	97.4	97.5	97.6	97.6	97.6	97.6
≥ 1000	17.5	83.3	86.9	87.3	91.9	92.1	94.6	95.8	96.1	97.0	97.5	97.6	97.7	97.7	97.7	97.7
≥ 900	17.5	83.5	87.0	87.4	92.0	92.3	94.8	96.0	96.2	97.1	97.6	97.7	97.9	97.9	97.9	97.9
≥ 800	17.5	83.5	87.0	87.4	92.0	92.3	94.8	96.0	96.2	97.1	97.6	97.7	97.9	97.9	97.9	97.9
≥ 700	17.5	83.5	87.0	87.4	92.0	92.3	94.8	96.0	96.2	97.1	97.6	97.7	97.9	97.9	97.9	97.9
≥ 600	17.5	83.6	87.3	87.6	92.3	92.5	95.0	96.2	96.4	97.4	97.9	98.0	98.1	98.1	98.1	98.1
≥ 500	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.2	98.2	98.2	98.2
≥ 400	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.2	98.2	98.6	98.6
≥ 300	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.2	98.2	98.6	98.6
≥ 200	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.5	98.5	98.8	98.8
≥ 100	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.5	98.5	98.8	99.4
≥ 0	17.5	83.6	87.3	87.6	92.4	92.6	95.1	96.3	96.5	97.5	98.0	98.1	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

THULE AB GL

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.8	51.7	52.0	52.0	52.3	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	12.1	53.1	53.7	53.7	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	12.7	56.6	57.2	57.2	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	12.9	57.8	58.4	58.4	58.6	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	12.9	59.2	58.8	58.8	59.0	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	13.2	58.4	59.0	59.0	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	13.3	59.5	60.3	60.3	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	13.3	60.4	61.3	61.3	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	14.7	65.9	67.1	67.1	68.1	68.2	68.2	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	14.9	70.1	71.6	71.6	72.9	73.0	73.1	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	15.1	71.9	73.9	74.0	76.4	76.5	77.0	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	16.2	81.4	84.1	84.2	87.8	87.9	88.6	89.4	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	16.2	81.4	84.1	84.3	87.9	88.0	88.7	89.6	89.7	90.2	90.4	90.4	90.5	90.5	90.5	90.5
≥ 4000	16.2	81.8	84.4	84.7	89.3	89.4	90.3	91.4	91.5	92.3	92.7	92.7	92.8	92.8	92.8	92.8
≥ 3500	16.2	81.8	84.7	84.9	89.6	89.7	90.5	91.6	91.7	92.6	92.9	92.9	93.0	93.0	93.0	93.0
≥ 3000	16.2	81.9	84.8	85.0	90.2	90.4	91.5	92.6	92.7	93.6	94.2	94.2	94.5	94.5	94.5	94.5
≥ 2500	16.3	82.1	85.1	85.4	91.0	91.2	92.4	93.5	93.6	94.6	95.2	95.2	95.4	95.4	95.4	95.4
≥ 2000	16.3	82.3	85.9	86.1	91.8	92.3	93.5	94.6	94.7	95.7	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1800	16.3	82.3	85.9	86.1	91.8	92.3	93.5	94.6	94.7	95.7	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1500	16.3	82.3	85.9	86.1	92.0	92.4	93.6	94.7	95.0	96.0	96.6	96.6	96.9	96.9	96.9	96.9
≥ 1200	16.3	82.3	85.9	86.1	92.0	92.4	93.6	94.7	95.0	96.0	96.6	96.6	96.9	96.9	96.9	96.9
≥ 1000	16.3	82.4	86.0	86.2	92.1	92.6	93.8	94.8	95.1	96.2	96.8	96.8	97.0	97.0	97.0	97.0
≥ 900	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.4	97.6	97.6	97.6	97.6
≥ 800	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.5	97.7	97.7	97.7	97.7
≥ 700	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.5	97.7	97.7	97.7	97.7
≥ 600	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.5	97.7	97.7	97.7	97.7
≥ 500	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.5	97.7	97.7	97.7	97.7
≥ 400	16.3	82.4	86.0	86.2	92.4	92.9	94.1	95.2	95.4	96.5	97.4	97.5	97.8	97.8	97.8	97.8
≥ 300	16.3	82.4	86.0	86.2	92.6	93.0	94.2	95.3	95.6	96.6	97.5	97.6	98.0	98.0	98.0	98.0
≥ 200	16.3	82.5	86.1	86.3	92.7	93.2	94.4	95.4	95.7	96.9	97.7	97.8	98.2	98.2	98.3	98.9
≥ 100	16.3	82.5	86.1	86.3	92.7	93.2	94.4	95.4	95.7	96.9	97.7	97.8	98.2	98.2	98.3	99.5
≥ 0	16.3	82.5	86.1	86.3	92.7	93.2	94.4	95.4	95.7	96.9	97.7	97.8	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	12.4	49.9	50.1	50.1	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.8
≥ 20000	13.0	51.6	51.9	51.9	52.2	52.2	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6
≥ 18000	13.5	54.4	54.7	54.8	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.5
≥ 16000	13.5	55.2	55.5	55.6	55.9	55.9	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.3
≥ 14000	13.5	55.7	56.0	56.1	56.4	56.4	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8
≥ 12000	13.3	56.2	56.6	56.6	56.9	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.4
≥ 10000	14.1	57.4	57.9	58.0	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9
≥ 9000	14.1	58.7	59.3	59.4	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5
≥ 8000	15.1	63.6	64.4	64.5	65.6	65.7	66.0	66.1	66.2	66.4	66.5	66.5	66.6	66.6	66.7	66.9
≥ 7000	15.2	68.3	69.9	69.9	71.4	71.5	71.8	72.0	72.0	72.3	72.4	72.4	72.5	72.5	72.6	72.8
≥ 6000	15.5	73.9	73.1	73.2	75.4	75.6	76.4	76.8	76.8	77.2	77.3	77.4	77.5	77.5	77.7	77.8
≥ 5000	15.9	80.6	83.2	83.3	86.5	86.7	88.0	88.5	88.6	89.1	89.3	89.3	89.5	89.5	89.8	89.9
≥ 4500	16.0	80.9	83.5	83.8	87.0	87.3	88.5	89.1	89.1	89.7	89.8	89.9	90.1	90.1	90.3	90.5
≥ 4000	16.0	81.9	84.6	84.9	88.5	88.9	90.3	91.1	91.1	91.8	92.0	92.1	92.3	92.3	92.6	92.8
≥ 3500	16.0	82.1	84.9	85.2	88.9	89.2	90.7	91.5	91.6	92.3	92.5	92.5	92.8	92.8	93.1	93.3
≥ 3000	16.2	82.8	85.7	86.0	89.8	90.2	91.8	92.7	92.8	93.5	93.8	93.8	94.1	94.1	94.4	94.6
≥ 2500	16.3	83.0	86.1	86.4	90.3	90.7	92.3	93.2	93.3	94.1	94.3	94.3	94.7	94.7	94.9	95.2
≥ 2000	16.3	83.3	86.6	86.9	91.0	91.5	93.2	94.2	94.3	95.1	95.4	95.4	95.8	95.8	96.0	96.3
≥ 1800	16.4	83.4	86.7	87.0	91.1	91.6	93.3	94.3	94.4	95.2	95.5	95.5	95.9	95.9	96.1	96.3
≥ 1500	16.4	83.4	86.7	87.0	91.1	91.6	93.5	94.6	94.7	95.6	95.9	95.9	96.3	96.3	96.5	96.8
≥ 1200	16.4	83.5	86.8	87.1	91.4	91.9	93.8	94.9	95.0	95.9	96.2	96.2	96.6	96.6	96.9	97.1
≥ 1000	16.4	83.6	86.9	87.3	91.5	92.1	94.1	95.1	95.3	96.3	96.6	96.6	97.0	97.0	97.3	97.5
≥ 900	16.4	83.6	87.0	87.3	91.6	92.2	94.2	95.2	95.4	96.4	96.7	96.7	97.1	97.1	97.4	97.6
≥ 800	16.4	83.7	87.0	87.3	91.6	92.2	94.2	95.3	95.4	96.5	96.8	96.8	97.4	97.4	97.6	97.9
≥ 700	16.4	83.7	87.0	87.4	91.7	92.3	94.3	95.4	95.5	96.5	96.9	96.9	97.4	97.4	97.7	98.0
≥ 600	16.4	83.7	87.2	87.5	91.9	92.5	94.5	95.5	95.7	96.7	97.1	97.1	97.7	97.7	98.0	98.2
≥ 500	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.6	95.8	96.8	97.2	97.2	97.8	97.8	98.1	98.5
≥ 400	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.6	95.8	96.8	97.2	97.3	97.9	97.9	98.3	98.6
≥ 300	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.7	95.8	96.9	97.3	97.3	98.0	98.0	98.4	98.8
≥ 200	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.7	95.8	96.9	97.3	97.4	98.1	98.1	98.6	99.1
≥ 100	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.7	95.8	96.9	97.3	97.4	98.1	98.1	98.6	99.7
≥ 0	16.4	83.8	87.2	87.5	92.0	92.6	94.6	95.7	95.8	96.9	97.3	97.4	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6773

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	17.2	41.8	41.8	41.8	42.4	42.9	43.1	43.4	43.4	44.3	44.3	44.3	44.5	44.5	44.7	45.0
≥ 20000	11.3	43.6	43.6	43.6	44.2	44.7	44.9	45.2	45.2	46.1	46.1	46.1	46.2	46.2	46.5	46.8
≥ 18000	12.7	47.5	47.5	47.5	48.2	48.6	48.8	49.2	49.2	50.1	50.1	50.1	50.2	50.2	50.4	50.7
≥ 16000	12.2	48.3	48.3	48.3	48.9	49.4	49.6	49.9	49.9	50.8	50.8	50.8	51.0	51.0	51.2	51.5
≥ 14000	12.4	49.0	49.0	49.0	49.7	50.2	50.4	50.7	50.7	51.6	51.6	51.6	51.7	51.7	52.0	52.3
≥ 12000	12.5	49.9	49.9	49.9	50.6	51.1	51.3	51.6	51.6	52.5	52.5	52.5	52.6	52.6	52.9	53.2
≥ 10000	12.5	50.7	50.7	50.7	51.4	51.8	52.1	52.4	52.4	53.3	53.3	53.3	53.4	53.4	53.6	54.0
≥ 9000	12.5	50.8	50.8	50.8	51.5	52.0	52.2	52.5	52.5	53.4	53.4	53.4	53.5	53.5	53.8	54.1
≥ 8000	12.8	55.0	55.0	55.0	55.9	56.3	56.7	57.3	57.3	58.2	58.2	58.2	58.3	58.3	58.6	58.9
≥ 7000	12.8	57.4	57.7	57.7	58.7	59.1	59.5	60.1	60.1	61.0	61.0	61.0	61.1	61.1	61.4	61.7
≥ 6000	13.1	60.0	60.6	60.6	62.0	62.6	63.0	63.7	63.7	64.7	64.7	64.7	64.8	64.8	65.1	65.4
≥ 5000	13.1	69.3	70.8	70.8	72.7	73.2	73.8	74.5	74.5	75.7	75.7	75.7	75.8	75.8	76.3	76.6
≥ 4500	13.1	69.9	71.3	71.3	73.2	73.8	74.4	75.0	75.0	76.3	76.3	76.3	76.4	76.4	76.8	77.2
≥ 4000	13.2	73.3	75.0	75.0	77.2	77.7	78.4	79.1	79.1	80.3	80.3	80.3	80.4	80.4	80.9	81.2
≥ 3500	13.2	74.7	76.5	76.5	78.6	79.2	79.8	80.5	80.5	82.1	82.1	82.1	82.2	82.2	82.6	83.0
≥ 3000	13.9	76.1	78.1	78.1	80.4	81.0	81.9	82.5	82.5	84.1	84.1	84.1	84.2	84.2	84.7	85.0
≥ 2500	14.4	77.2	79.4	79.4	82.0	82.5	83.5	84.2	84.2	85.8	85.8	85.8	85.9	85.9	86.3	86.7
≥ 2000	14.4	78.1	80.6	80.6	83.3	83.9	84.9	85.6	85.6	87.1	87.1	87.2	87.3	87.3	87.8	88.1
≥ 1800	14.4	78.2	80.7	80.7	83.4	84.0	85.0	85.7	85.7	87.2	87.2	87.3	87.5	87.5	87.9	88.2
≥ 1500	14.4	79.3	81.9	81.9	84.9	85.4	86.5	87.2	87.2	88.8	88.8	88.9	89.0	89.0	89.5	89.8
≥ 1200	14.3	80.0	82.5	82.5	85.6	86.1	87.2	88.0	88.0	89.6	89.6	89.7	89.8	89.8	90.3	90.6
≥ 1000	15.2	81.1	83.7	83.7	87.0	87.6	88.8	90.3	90.3	92.3	92.3	92.4	92.7	92.7	93.2	93.5
≥ 900	15.3	81.1	83.8	83.8	87.2	87.8	89.0	90.5	90.5	92.5	92.5	92.6	92.9	92.9	93.4	93.7
≥ 800	15.5	81.6	84.3	84.3	87.8	88.6	89.8	91.3	91.3	93.3	93.3	93.4	93.5	93.8	94.3	94.6
≥ 700	15.8	82.3	85.0	85.0	88.5	89.2	90.5	91.9	91.9	94.0	94.1	94.2	94.5	94.5	95.0	95.3
≥ 600	15.8	82.5	85.2	85.2	88.8	89.6	90.8	92.4	92.4	94.4	94.5	94.6	95.0	95.0	95.4	95.7
≥ 500	15.8	82.6	85.3	85.3	89.2	90.0	91.3	92.8	92.8	94.8	95.0	95.1	95.6	95.6	96.1	96.6
≥ 400	16.0	82.9	85.6	85.6	89.7	90.5	91.7	93.3	93.3	95.3	95.4	95.5	96.1	96.1	96.5	97.1
≥ 300	16.0	82.9	85.9	85.9	90.0	90.8	92.2	94.1	94.1	96.1	96.2	96.3	96.9	96.9	97.3	97.9
≥ 200	16.3	82.9	85.9	85.9	90.0	90.9	92.3	94.2	94.2	96.3	96.4	96.5	97.4	97.4	98.3	99.3
≥ 100	16.0	82.9	85.9	85.9	90.3	91.2	92.5	94.4	94.4	96.5	96.6	96.8	97.6	97.6	98.5	99.8
≥ 0	16.0	82.9	85.9	85.9	90.3	91.2	92.3	94.4	94.4	96.5	96.6	96.8	97.6	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

893

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	9.7	42.2	42.4	42.4	42.5	42.7	42.9	43.0	43.0	44.0	44.0	44.0	44.7	44.7	44.8	45.2
≥ 20000	10.0	44.5	44.6	44.6	44.7	44.9	45.2	45.3	45.3	46.3	46.3	46.3	47.0	47.0	47.1	47.4
≥ 18000	10.0	47.5	48.2	48.2	48.3	48.5	48.8	48.9	48.9	49.9	49.9	49.9	50.6	50.6	50.8	51.1
≥ 16000	10.2	48.0	48.7	48.7	48.8	49.0	49.2	49.3	49.3	50.3	50.3	50.3	51.0	51.0	51.2	51.6
≥ 14000	10.4	48.7	49.3	49.3	49.4	49.7	49.9	50.0	50.0	51.0	51.0	51.0	51.7	51.7	51.9	52.2
≥ 12000	10.4	49.2	49.9	49.9	50.0	50.2	50.4	50.6	50.6	51.6	51.6	51.6	52.2	52.2	52.5	52.8
≥ 10000	10.7	50.8	51.6	51.6	51.7	51.9	52.1	52.2	52.2	53.3	53.3	53.3	53.9	53.9	54.2	54.5
≥ 9000	10.8	51.5	52.2	52.2	52.4	52.6	52.8	52.9	52.9	53.9	53.9	53.9	54.6	54.6	54.8	55.2
≥ 8000	11.0	54.5	55.3	55.3	56.0	56.2	56.4	56.9	56.9	57.9	57.9	57.9	58.5	58.5	58.8	59.1
≥ 7000	11.3	53.0	58.9	58.9	59.9	60.1	60.3	60.8	60.8	61.8	61.8	61.8	62.5	62.5	62.7	63.0
≥ 6000	11.6	59.8	60.9	60.9	62.5	62.8	63.0	63.5	63.5	64.5	64.5	64.5	65.2	65.2	65.4	65.7
≥ 5000	11.6	68.5	70.0	70.0	71.9	72.5	72.7	73.1	73.1	74.2	74.2	74.2	74.8	74.8	75.3	75.6
≥ 4500	11.6	69.1	70.6	70.6	72.7	73.3	73.5	73.9	73.9	74.9	74.9	74.9	75.6	75.6	76.1	76.4
≥ 4000	12.0	73.4	74.9	74.9	77.8	78.3	78.8	79.2	79.2	80.2	80.2	80.2	80.9	80.9	81.3	81.7
≥ 3500	12.1	74.7	76.3	76.3	79.1	79.7	80.6	81.0	81.0	82.1	82.1	82.1	82.8	82.8	83.3	83.6
≥ 3000	12.3	76.7	78.7	78.7	81.7	82.2	83.6	84.0	84.0	85.2	85.2	85.2	85.8	85.8	86.3	86.6
≥ 2500	14.0	78.4	80.6	80.6	83.6	84.3	85.7	86.2	86.2	87.3	87.3	87.3	88.0	88.0	88.4	88.8
≥ 2000	14.2	78.8	80.9	80.9	83.9	84.6	86.2	86.6	86.6	87.8	87.8	87.8	88.4	88.4	88.9	89.2
≥ 1800	14.2	78.8	80.9	80.9	83.9	84.6	86.2	86.6	86.6	87.8	87.8	87.8	88.4	88.4	88.9	89.2
≥ 1500	14.3	79.6	81.8	81.8	84.9	85.8	87.4	87.9	87.9	89.0	89.0	89.0	89.7	89.7	90.1	90.4
≥ 1200	14.8	80.4	82.7	82.7	85.8	86.7	88.3	88.9	88.9	90.0	90.0	90.0	90.7	90.7	91.1	91.5
≥ 1000	15.3	81.5	83.7	83.7	87.1	88.3	90.1	91.0	91.0	92.5	92.5	92.5	93.3	93.3	93.7	94.0
≥ 900	15.4	81.7	83.9	83.9	87.3	88.5	90.3	91.2	91.2	92.7	92.7	92.7	93.5	93.5	93.9	94.3
≥ 800	15.7	82.6	84.8	84.8	88.2	89.4	91.2	92.1	92.4	93.9	93.9	93.9	94.8	94.8	95.3	95.6
≥ 700	15.7	82.8	85.1	85.1	88.5	89.8	91.6	92.5	92.7	94.3	94.3	94.3	95.2	95.2	95.6	96.0
≥ 600	15.7	83.1	85.4	85.4	88.9	90.1	91.9	92.8	93.0	94.6	94.6	94.6	95.5	95.5	96.0	96.3
≥ 500	15.9	83.5	85.7	85.7	89.6	90.8	92.6	93.5	93.7	95.3	95.3	95.3	96.4	96.4	97.0	97.5
≥ 400	16.2	83.8	86.1	86.1	89.9	91.1	92.9	93.8	94.0	95.6	95.6	95.6	96.7	96.7	97.4	98.0
≥ 300	16.2	83.8	86.2	86.2	90.3	91.6	93.4	94.3	94.5	96.1	96.1	96.1	97.2	97.2	97.9	98.4
≥ 200	16.2	83.8	86.2	86.2	90.4	91.7	93.6	94.5	94.7	96.3	96.3	96.3	98.0	98.0	98.7	99.8
≥ 100	16.2	83.8	86.2	86.2	90.4	91.7	93.6	94.5	94.7	96.3	96.3	96.3	98.0	98.0	98.7	99.8
≥ 0	16.2	83.8	86.2	86.2	90.4	91.7	93.6	94.5	94.7	96.3	96.3	96.3	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17805

THULE AB GL

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

630-780
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	10.6	42.1	42.2	42.2	42.3	42.7	42.9	42.9	42.9	43.5	43.5	43.5	44.1	44.1	44.5	44.
≥ 20000	11.2	45.6	45.7	45.7	45.8	46.1	46.5	46.5	46.5	47.0	47.0	47.0	47.7	47.7	48.0	48.
≥ 18000	11.3	47.9	48.2	48.2	48.3	48.6	48.9	48.9	48.9	49.5	49.5	49.5	50.2	50.2	50.5	50.
≥ 16000	11.3	48.4	48.7	48.7	48.8	49.2	49.5	49.5	49.5	50.1	50.1	50.1	50.7	50.7	51.1	51.
≥ 14000	11.3	48.6	48.9	48.9	49.1	49.4	49.7	49.8	49.8	50.4	50.4	50.4	51.1	51.1	51.4	51.
≥ 12000	11.4	48.8	49.2	49.2	49.3	49.6	49.9	50.1	50.1	50.6	50.6	50.6	51.3	51.3	51.6	52.
≥ 10000	11.4	49.4	50.1	50.2	50.3	50.6	50.9	51.1	51.1	51.6	51.6	51.6	52.3	52.3	52.6	53.
≥ 9000	11.4	50.1	50.7	50.8	50.9	51.3	51.6	51.7	51.7	52.3	52.3	52.3	53.0	53.0	53.3	53.
≥ 8000	11.5	53.7	54.5	54.6	55.4	55.8	56.1	56.3	56.3	56.9	56.9	56.9	57.5	57.5	57.9	58.
≥ 7000	11.5	56.2	57.0	57.1	58.1	58.4	59.0	59.4	59.4	60.0	60.0	60.0	60.7	60.7	61.0	61.
≥ 6000	11.5	59.0	59.9	60.0	61.2	61.8	62.3	62.8	62.8	63.4	63.4	63.4	64.0	64.0	64.4	64.
≥ 5000	11.5	66.6	67.8	67.9	69.4	69.9	70.5	70.9	70.9	71.5	71.5	71.5	72.3	72.3	72.6	73.
≥ 4500	11.5	66.9	68.2	68.3	69.7	70.3	70.8	71.3	71.3	71.8	71.8	71.8	72.6	72.6	73.0	73.
≥ 4000	11.3	73.0	74.6	74.7	76.9	77.4	78.0	78.5	78.5	79.1	79.1	79.1	79.9	79.9	80.2	80.
≥ 3500	12.1	74.3	76.0	76.1	78.3	78.9	80.0	80.6	80.6	81.1	81.1	81.1	81.9	81.9	82.2	82.
≥ 3000	13.1	77.3	79.1	79.2	82.1	82.7	83.9	84.5	84.5	85.0	85.0	85.0	85.8	85.8	86.1	86.
≥ 2500	13.6	78.8	80.6	80.7	84.0	84.6	85.8	86.4	86.4	86.9	86.9	86.9	87.7	87.7	88.0	88.
≥ 2000	13.9	79.7	81.7	81.8	85.4	85.9	87.3	87.8	87.8	88.4	88.4	88.4	89.3	89.3	89.6	89.
≥ 1800	13.9	79.9	81.9	82.0	85.6	86.1	87.5	88.0	88.0	88.6	88.6	88.6	89.5	89.5	89.8	90.
≥ 1500	13.9	80.8	82.9	83.0	86.6	87.2	88.5	89.1	89.1	89.6	89.6	89.6	90.5	90.5	90.8	91.
≥ 1200	14.4	82.1	84.2	84.4	87.9	88.5	89.8	90.4	90.4	90.9	90.9	90.9	91.8	91.8	92.2	92.
≥ 1000	14.6	82.5	84.6	84.7	88.3	88.8	90.2	90.8	90.8	92.0	92.0	92.2	93.2	93.2	93.5	93.
≥ 900	14.7	82.6	84.7	84.8	88.5	89.1	90.4	91.1	91.1	92.2	92.4	92.4	93.4	93.4	93.7	94.
≥ 800	15.3	83.4	85.5	85.6	89.3	89.8	91.2	91.8	91.8	93.1	93.3	93.6	94.6	94.6	95.0	95.
≥ 700	15.3	83.5	85.6	85.7	89.4	89.9	91.5	92.2	92.2	93.4	93.6	94.1	95.1	95.1	95.4	95.
≥ 600	15.3	83.8	85.9	86.0	89.7	90.3	92.0	92.6	92.6	94.0	94.2	94.6	95.6	95.6	96.0	96.
≥ 500	15.3	84.0	86.3	86.4	90.5	91.1	92.7	93.5	93.5	94.9	95.1	95.5	96.5	96.5	96.9	97.
≥ 400	15.5	84.5	86.7	86.8	90.9	91.6	93.3	94.2	94.2	95.8	96.0	96.4	97.4	97.4	97.8	98.
≥ 300	15.5	84.5	86.7	86.8	90.9	91.6	93.4	94.3	94.3	95.9	96.1	96.5	97.5	97.5	97.9	98.
≥ 200	15.5	84.5	86.7	86.8	90.9	91.6	93.6	94.5	94.5	96.1	96.3	96.8	98.0	98.0	98.4	99.
≥ 100	15.5	84.5	86.7	86.8	91.1	91.7	93.7	94.6	94.6	96.2	96.4	96.9	98.1	98.1	98.7	100.
≥ 0	15.5	84.5	86.7	86.8	91.1	91.7	93.7	94.6	94.6	96.2	96.4	96.9	98.1	98.1	98.7	100.

TOTAL NUMBER OF OBSERVATIONS 89

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
17015

STATION NAME
THULE AB GL

YEARS
70, 73-81

MONTH
44

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0
NO CEILING	11.1	43.7	44.4	44.4	44.6	44.6	44.7	44.3	44.3	44.9	45.1	45.1	45.5	45.5	45.7
≥ 20000	11.7	45.9	46.7	46.7	46.8	46.8	46.9	47.0	47.0	47.1	47.4	47.4	47.7	47.7	47.9
≥ 18000	11.9	49.2	49.9	49.9	50.1	50.1	50.2	50.3	50.3	50.4	50.6	50.6	51.0	51.0	51.2
≥ 16000	11.9	49.4	50.2	50.2	50.3	50.3	50.4	50.5	50.5	50.6	50.8	50.8	51.2	51.2	51.4
≥ 14000	11.9	49.5	50.3	50.3	50.4	50.4	50.5	50.6	50.6	50.7	51.0	51.0	51.3	51.3	51.5
≥ 12000	11.9	49.5	50.3	50.3	50.4	50.4	50.5	50.6	50.6	50.7	51.0	51.0	51.3	51.3	51.5
≥ 10000	12.1	50.4	51.2	51.2	51.3	51.3	51.4	51.5	51.5	51.6	51.9	51.9	52.2	52.2	52.4
≥ 9000	12.1	51.7	52.5	52.5	52.6	52.6	52.7	52.9	52.9	53.0	53.2	53.2	53.5	53.5	53.8
≥ 8000	12.3	55.6	56.5	56.5	56.9	56.9	57.0	57.1	57.1	57.2	57.5	57.5	57.8	57.8	58.0
≥ 7000	12.6	59.8	60.9	61.1	61.5	61.5	61.6	61.7	61.7	61.8	62.1	62.1	62.4	62.4	62.6
≥ 6000	12.6	63.0	64.2	64.3	64.9	64.9	65.0	65.1	65.1	65.2	65.4	65.4	65.8	65.8	66.0
≥ 5000	12.7	72.6	74.1	74.2	75.0	75.0	75.2	75.3	75.3	75.4	75.6	75.6	76.1	76.1	76.3
≥ 4500	13.7	73.8	75.3	75.4	76.2	76.2	76.4	76.8	76.8	76.9	77.1	77.1	77.6	77.6	77.8
≥ 4000	13.7	76.2	77.8	78.1	79.0	79.1	79.5	79.8	79.8	79.9	80.1	80.1	80.6	80.6	80.8
≥ 3500	13.1	77.7	79.5	79.8	80.9	81.0	81.6	81.9	81.9	82.0	82.3	82.3	82.7	82.7	82.9
≥ 3000	13.6	79.2	81.1	81.5	82.9	83.1	83.7	84.2	84.2	84.3	84.5	84.5	85.0	85.0	85.2
≥ 2500	13.7	80.8	82.8	83.2	85.4	85.5	86.2	86.8	86.8	86.9	87.1	87.1	87.5	87.5	87.9
≥ 2000	13.8	82.4	84.7	85.3	88.0	88.1	88.8	89.3	89.3	89.5	89.7	89.7	90.1	90.1	90.5
≥ 1800	13.9	82.8	85.2	85.6	88.4	88.6	89.2	89.8	89.8	89.9	90.1	90.1	90.6	90.6	90.9
≥ 1500	13.9	83.4	85.7	86.2	89.2	89.3	90.0	90.7	90.7	90.8	91.0	91.0	91.4	91.4	91.8
≥ 1200	14.3	83.7	86.1	86.5	89.7	89.8	90.5	91.2	91.2	91.4	91.6	91.6	91.9	91.9	92.7
≥ 1000	15.2	84.6	87.0	87.4	90.7	90.8	91.6	92.5	92.5	92.6	93.0	93.0	93.4	93.4	94.2
≥ 900	15.2	84.8	87.2	87.7	90.9	91.0	91.8	92.7	92.7	93.0	93.3	93.3	93.6	93.6	94.4
≥ 800	15.5	85.3	87.9	88.3	91.6	91.7	92.8	93.8	93.8	94.2	94.4	94.4	94.7	94.7	95.5
≥ 700	15.6	85.5	88.2	88.7	92.0	92.3	93.4	94.4	94.4	94.7	95.1	95.1	95.4	95.4	96.2
≥ 600	15.6	86.1	88.9	89.3	92.7	92.9	94.1	95.1	95.1	95.4	95.7	95.7	96.1	96.1	96.9
≥ 500	15.7	86.3	89.2	89.7	93.0	93.3	94.4	95.6	95.6	96.0	96.3	96.3	96.6	96.6	97.3
≥ 400	15.7	86.4	89.3	89.8	93.2	93.5	94.6	96.0	96.0	96.5	96.9	96.9	97.2	97.2	98.0
≥ 300	15.7	86.4	89.3	89.8	93.2	93.7	94.8	96.2	96.2	96.9	97.2	97.2	97.5	97.5	98.4
≥ 200	15.7	86.4	89.3	89.8	93.2	93.7	94.8	96.2	96.2	97.0	97.3	97.3	97.6	97.6	98.7
≥ 100	15.7	86.4	89.3	89.8	93.2	93.7	94.8	96.2	96.2	97.0	97.3	97.3	97.6	97.6	98.7
≥ 0	15.7	86.4	89.3	89.8	93.2	93.7	94.8	96.2	96.2	97.0	97.3	97.3	97.6	97.6	98.7

TOTAL NUMBER OF OBSERVATIONS

AD-A113 225 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(1)
DEC 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/U07 SBI-AD-E850 141 NL

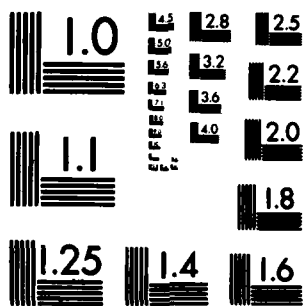
SBI-AD-E850 141 NL

NL

3-6

2000

13225



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.5	43.6	43.6	43.6	43.6	43.6	44.1	44.1	44.1	44.2	44.3	44.3	44.8	44.8	45.1	45.1
≥ 20000	11.7	45.0	45.0	45.0	45.2	45.2	45.7	45.8	45.8	45.9	46.0	46.0	46.4	46.4	46.8	46.8
≥ 18000	12.0	47.6	47.6	47.6	47.8	47.8	48.3	48.4	48.4	48.5	48.6	48.6	49.0	49.0	49.4	49.4
≥ 16000	12.0	48.9	48.9	48.9	49.2	49.2	49.6	49.7	49.7	49.8	49.9	49.9	50.4	50.4	50.7	50.7
≥ 14000	12.0	49.2	49.2	49.2	49.4	49.4	49.8	49.9	49.9	50.1	50.2	50.2	50.6	50.7	51.1	51.1
≥ 12000	12.1	49.5	49.5	49.5	49.7	49.7	50.2	50.3	50.3	50.4	50.5	50.5	51.0	51.1	51.4	51.4
≥ 10000	12.4	50.1	50.1	50.1	50.3	50.3	50.7	50.8	50.8	51.1	51.2	51.2	51.6	51.7	52.1	52.1
≥ 9000	12.4	50.4	50.4	50.4	50.6	50.6	51.1	51.2	51.2	51.4	51.5	51.5	52.0	52.1	52.4	52.4
≥ 8000	12.5	54.0	54.5	54.7	55.2	55.2	55.7	55.8	55.8	56.0	56.1	56.1	56.6	56.8	57.2	57.2
≥ 7000	12.6	58.4	59.2	59.4	60.3	60.3	60.9	61.0	61.0	61.2	61.3	61.3	61.8	62.0	62.3	62.3
≥ 6000	12.7	60.9	62.0	62.2	63.2	63.2	63.8	63.9	63.9	64.1	64.3	64.3	64.7	64.9	65.3	65.3
≥ 5000	12.9	71.5	73.1	73.3	74.3	74.3	74.9	75.0	75.0	75.4	75.5	75.5	76.0	76.2	76.6	76.6
≥ 4500	13.0	72.2	73.7	74.0	75.0	75.0	75.5	75.8	75.8	76.2	76.3	76.3	76.9	77.1	77.5	77.5
≥ 4000	13.1	74.4	76.2	76.6	77.9	77.9	78.5	78.8	78.8	79.3	79.4	79.4	80.0	80.3	80.6	80.7
≥ 3500	13.1	76.2	78.4	78.7	80.0	80.0	80.7	81.1	81.1	81.5	81.6	81.6	82.3	82.5	82.9	83.0
≥ 3000	13.4	77.8	80.0	80.4	82.3	82.3	83.4	83.9	83.9	84.3	84.4	84.4	85.1	85.3	85.7	85.8
≥ 2500	13.6	79.0	81.4	81.7	84.0	84.0	85.1	85.6	85.6	86.0	86.1	86.1	86.8	87.0	87.4	87.5
≥ 2000	13.8	80.5	83.2	83.5	86.5	86.6	87.7	88.3	88.4	89.0	89.1	89.2	90.0	90.2	90.5	90.6
≥ 1800	13.9	81.1	83.8	84.1	87.0	87.1	88.3	88.8	89.0	89.5	89.6	89.7	90.5	90.8	91.1	91.2
≥ 1500	13.9	81.5	84.2	84.6	87.6	87.7	89.1	89.6	89.7	90.3	90.4	90.5	91.3	91.5	91.9	92.0
≥ 1200	14.4	82.1	84.9	85.2	88.3	88.4	89.7	90.3	90.5	91.1	91.2	91.3	92.1	92.3	92.7	92.8
≥ 1000	15.1	83.0	85.9	86.2	89.5	89.6	91.4	92.1	92.3	93.1	93.3	93.5	94.3	94.5	94.8	94.9
≥ 900	15.1	83.0	85.9	86.2	89.5	89.6	91.4	92.1	92.3	93.1	93.3	93.5	94.3	94.5	94.8	94.9
≥ 800	15.2	83.5	86.7	87.0	90.3	90.5	92.3	93.2	93.5	94.4	94.6	94.7	95.5	95.7	96.1	96.2
≥ 700	15.2	84.2	87.4	87.7	91.1	91.3	93.1	94.0	94.3	95.2	95.4	95.5	96.3	96.5	96.8	97.0
≥ 600	15.2	84.2	87.5	87.9	91.3	91.5	93.3	94.3	94.5	95.5	95.7	95.8	96.6	96.8	97.2	97.3
≥ 500	15.2	84.6	87.8	88.3	91.7	91.9	93.7	94.7	94.9	95.9	96.2	96.3	97.3	97.5	97.9	98.1
≥ 400	15.2	84.6	87.8	88.3	91.7	91.9	93.7	94.7	94.9	96.1	96.3	96.4	97.4	97.6	98.0	98.2
≥ 300	15.2	84.6	87.8	88.3	91.7	91.9	93.7	94.7	94.9	96.3	96.5	96.6	97.6	97.9	98.3	98.5
≥ 200	15.2	84.6	87.8	88.3	91.7	92.1	93.9	95.0	95.3	96.8	97.2	97.3	98.6	99.0	99.5	99.8
≥ 100	15.2	84.6	87.8	88.3	91.7	92.1	93.9	95.0	95.3	96.8	97.2	97.3	98.8	99.1	99.7	100.0
≥ 0	15.2	84.6	87.8	88.3	91.7	92.1	93.9	95.0	95.3	96.8	97.2	97.3	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	11.8	46.0	46.0	46.0	46.5	46.5	46.6	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	47.1
≥ 20000	12.2	47.6	47.6	47.6	48.1	48.1	48.2	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.8	48.8
≥ 18000	12.4	49.8	49.8	49.8	50.2	50.2	50.3	50.6	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9
≥ 16000	12.4	50.5	50.5	50.5	50.9	50.9	51.0	51.2	51.2	51.2	51.4	51.4	51.5	51.5	51.6	51.6
≥ 14000	12.4	51.1	51.1	51.1	51.6	51.6	51.7	51.9	51.9	51.9	52.0	52.0	52.2	52.2	52.3	52.3
≥ 12000	12.4	51.1	51.1	51.1	51.6	51.6	51.7	51.9	51.9	51.9	52.0	52.0	52.2	52.2	52.3	52.3
≥ 10000	12.4	51.6	51.7	51.7	52.2	52.2	52.3	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.8	52.8
≥ 9000	12.4	52.3	52.5	52.5	53.1	53.1	53.2	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.7	53.7
≥ 8000	12.6	57.1	57.6	57.7	58.4	58.4	58.5	58.7	58.8	58.8	59.0	59.0	59.1	59.1	59.2	59.2
≥ 7000	12.6	60.9	61.7	61.8	62.8	62.8	62.9	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.6	63.6
≥ 6000	12.6	63.3	64.3	64.4	66.1	66.1	66.2	66.4	66.6	66.6	66.7	66.7	66.8	66.8	66.9	66.9
≥ 5000	12.9	72.8	74.8	75.1	77.0	77.0	77.2	77.4	77.6	77.9	78.0	78.0	78.1	78.1	78.2	78.2
≥ 4500	12.9	73.2	75.4	75.6	77.7	77.7	77.9	78.1	78.2	78.6	78.7	78.7	78.8	78.8	78.9	78.9
≥ 4000	12.9	75.2	77.4	77.8	80.0	80.0	80.3	80.5	80.6	81.4	81.5	81.5	81.6	81.6	81.7	81.7
≥ 3500	12.9	76.2	79.7	79.0	81.3	81.3	81.5	82.0	82.1	82.9	83.0	83.0	83.1	83.1	83.2	83.2
≥ 3000	13.2	77.3	80.5	80.8	83.4	83.4	83.8	84.5	84.6	85.4	85.5	85.5	85.6	85.6	85.7	85.7
≥ 2500	13.3	78.3	81.6	82.0	84.6	84.6	84.9	85.6	85.7	86.5	86.6	86.6	86.7	86.7	86.8	86.8
≥ 2000	13.5	79.3	83.0	83.3	86.3	86.3	87.0	88.0	88.2	89.1	89.3	89.3	89.5	89.5	89.6	89.6
≥ 1800	13.5	79.5	83.2	83.6	86.5	86.5	87.2	88.4	88.7	89.6	89.8	89.8	89.9	89.9	90.0	90.0
≥ 1500	13.9	80.4	84.2	84.6	87.5	87.5	88.4	89.7	89.9	90.8	91.0	91.0	91.2	91.2	91.3	91.3
≥ 1200	14.1	81.1	84.9	85.3	88.7	88.7	89.6	90.9	91.3	92.3	92.5	92.5	92.6	92.6	92.7	92.7
≥ 1000	14.2	82.0	85.8	86.2	90.0	90.1	91.4	93.0	93.5	94.6	94.9	94.9	95.0	95.0	95.1	95.1
≥ 900	14.2	82.3	86.2	86.5	90.4	90.5	91.7	93.3	93.9	94.9	95.2	95.2	95.4	95.4	95.5	95.5
≥ 800	14.2	83.0	87.1	87.4	91.4	91.5	92.7	94.3	94.9	96.0	96.4	96.4	96.5	96.5	96.6	96.6
≥ 700	14.3	83.1	87.2	87.5	91.5	91.6	92.9	94.4	95.0	96.1	96.5	96.5	96.6	96.6	96.7	96.7
≥ 600	14.3	83.7	87.8	88.1	92.1	92.2	93.5	95.1	95.7	97.1	97.4	97.4	97.6	97.6	97.7	97.7
≥ 500	14.3	83.7	87.8	88.1	92.2	92.3	93.7	95.4	95.9	97.3	97.6	97.6	98.0	98.0	98.1	98.1
≥ 400	14.3	83.7	87.8	88.1	92.2	92.3	93.7	95.4	95.9	97.3	97.6	97.6	98.0	98.0	98.1	98.1
≥ 300	14.3	83.8	87.9	88.2	92.3	92.4	93.8	95.5	96.0	97.5	97.8	97.8	98.3	98.3	98.4	98.4
≥ 200	14.3	83.9	88.0	88.3	92.4	92.9	94.2	96.1	96.7	98.2	98.6	98.6	99.2	99.2	99.5	99.7
≥ 100	14.3	83.9	88.0	88.3	92.4	92.9	94.2	96.1	96.7	98.2	98.6	98.6	99.2	99.2	99.8	99.9
≥ 0	14.3	83.9	88.0	88.3	92.4	92.9	94.2	96.1	96.7	98.2	98.6	98.6	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17685
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.7	45.4	45.6	45.6	46.1	46.3	46.3	46.4	46.4	46.9	46.9	46.9	46.9	46.9	47.2	47.3
≥ 20000	12.1	48.0	48.2	48.2	48.8	48.9	48.9	49.1	49.1	49.7	49.7	49.7	49.7	49.7	49.9	50.0
≥ 18000	12.1	50.0	50.2	50.2	50.8	50.9	50.9	51.1	51.1	51.7	51.7	51.7	51.7	51.7	51.9	52.0
IV 16000	12.1	50.7	50.9	50.9	51.5	51.6	51.6	51.8	51.8	52.4	52.4	52.4	52.4	52.4	52.6	52.7
IV 14000	12.1	51.1	51.4	51.4	51.9	52.0	52.0	52.4	52.4	52.9	52.9	52.9	52.9	52.9	53.2	53.3
IV 12000	12.1	51.1	51.4	51.4	51.9	52.0	52.0	52.4	52.4	52.9	52.9	52.9	52.9	52.9	53.2	53.3
IV 10000	12.4	52.3	52.5	52.5	53.1	53.2	53.2	53.5	53.5	54.1	54.1	54.1	54.1	54.1	54.3	54.4
IV 9000	12.4	52.9	53.3	53.3	53.9	54.0	54.0	54.3	54.3	54.9	54.9	54.9	54.9	54.9	55.1	55.2
IV 8000	12.7	57.4	58.0	58.0	58.6	58.7	59.1	59.5	59.5	60.1	60.1	60.1	60.1	60.1	60.3	60.4
IV 7000	12.7	61.3	62.5	62.7	63.5	63.6	63.9	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.2	65.3
IV 6000	12.8	64.1	65.6	65.9	66.7	66.9	67.3	67.8	67.8	68.4	68.4	68.4	68.4	68.4	68.6	68.7
IV 5000	12.8	72.9	75.5	75.7	77.0	77.2	77.8	78.5	78.5	79.1	79.1	79.1	79.1	79.1	79.4	79.5
IV 4500	12.8	72.9	75.6	75.9	77.1	77.3	77.9	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.5	79.6
IV 4000	13.0	75.6	78.8	79.1	80.8	81.1	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.2	83.3
IV 3500	13.0	76.5	79.7	80.0	82.0	82.3	82.9	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.5	84.6
IV 3000	13.0	77.8	81.5	81.9	83.8	84.1	84.7	85.6	85.6	86.6	86.6	86.7	86.7	86.7	87.0	87.1
IV 2500	13.0	78.1	82.3	82.7	84.8	85.1	85.7	86.6	86.6	87.8	87.9	87.9	87.9	87.9	88.1	88.2
IV 2000	13.4	79.0	83.8	84.2	87.0	87.3	88.0	88.9	88.9	90.0	90.1	90.1	90.1	90.1	90.4	90.5
IV 1800	13.4	79.4	84.1	84.6	87.3	87.6	88.3	89.2	89.2	90.4	90.5	90.5	90.5	90.5	90.7	90.8
IV 1500	13.7	80.7	85.5	86.1	88.9	89.2	90.1	91.0	91.0	92.2	92.3	92.3	92.3	92.3	92.5	92.6
IV 1200	14.2	81.5	86.3	86.8	89.8	90.1	91.2	92.1	92.1	93.2	93.3	93.3	93.3	93.3	93.5	93.7
IV 1000	14.4	82.3	87.1	87.6	90.7	91.0	92.3	93.5	93.5	94.7	94.8	94.8	94.8	94.8	95.2	95.4
IV 900	14.5	82.8	87.5	88.1	91.4	91.7	93.0	94.2	94.2	95.4	95.5	95.5	95.5	95.5	95.9	96.0
IV 800	15.2	83.6	88.3	88.9	92.2	92.5	93.8	95.0	95.0	96.1	96.5	96.5	96.5	96.5	97.2	97.3
IV 700	15.4	83.8	88.5	89.1	92.4	92.7	94.0	95.2	95.2	96.3	96.7	96.7	96.7	96.7	97.4	97.5
IV 600	15.4	84.1	88.9	89.5	92.7	93.1	94.3	95.6	95.6	96.9	97.1	97.1	97.1	97.1	97.7	97.8
IV 500	15.4	84.2	89.0	89.6	93.0	93.3	94.6	96.0	96.0	97.4	97.5	97.5	97.5	97.5	98.2	98.3
IV 400	15.4	84.6	89.3	89.9	93.4	93.8	95.0	96.5	96.5	97.8	98.0	98.0	98.0	98.0	98.6	98.8
IV 300	15.4	84.6	89.3	89.9	93.4	93.8	95.0	96.5	96.5	97.8	98.0	98.0	98.0	98.0	98.9	99.0
IV 200	15.4	84.6	89.3	89.9	93.4	93.9	95.2	96.8	96.8	98.2	98.4	98.5	98.9	98.9	99.7	99.8
IV 100	15.4	84.6	89.3	89.9	93.4	93.9	95.2	96.8	96.8	98.2	98.4	98.5	98.9	98.9	99.9	100.0
IV 0	15.4	84.6	89.3	89.9	93.4	93.9	95.2	96.8	96.8	98.2	98.4	98.5	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	11.0	44.8	45.2	45.2	45.8	45.9	45.9	46.0	46.0	46.4	46.5	46.5	46.8	46.8	46.8	47.1
≥ 20000	12.7	47.1	47.5	47.5	48.1	48.2	48.2	48.3	48.3	48.6	48.8	48.8	49.1	49.1	49.1	49.3
≥ 18000	12.2	49.1	49.7	49.7	50.3	50.5	50.5	50.6	50.6	50.9	51.0	51.0	51.4	51.4	51.4	51.6
≥ 16000	12.2	49.5	50.1	50.1	50.8	50.9	50.9	51.0	51.0	51.4	51.5	51.5	51.8	51.8	51.8	52.0
≥ 14000	12.3	50.2	50.8	50.8	51.5	51.6	51.6	51.8	51.8	52.1	52.3	52.3	52.6	52.6	52.6	52.8
≥ 12000	12.3	50.9	51.5	51.5	52.1	52.3	52.3	52.5	52.5	52.8	52.9	52.9	53.3	53.3	53.3	53.5
≥ 10000	12.3	51.1	51.7	51.7	52.4	52.5	52.5	52.7	52.7	53.1	53.2	53.2	53.5	53.5	53.5	53.7
≥ 9000	12.3	51.6	52.1	52.1	52.8	52.9	52.9	53.2	53.2	53.5	53.6	53.6	54.0	54.0	54.0	54.2
≥ 8000	12.7	55.0	55.7	55.8	56.7	56.9	57.2	57.5	57.5	57.8	57.9	57.9	59.3	58.3	58.3	58.5
≥ 7000	12.7	58.0	59.3	59.4	60.5	60.7	61.1	61.3	61.3	61.7	61.8	61.8	62.1	62.1	62.1	62.3
≥ 6000	12.9	60.6	62.8	63.0	64.7	64.9	65.3	65.6	65.6	66.1	66.2	66.2	66.5	66.5	66.5	66.7
≥ 5000	13.1	69.5	72.2	72.4	75.0	75.2	75.8	76.2	76.2	76.7	76.8	76.8	77.3	77.4	77.4	77.6
≥ 4500	13.1	69.8	72.6	72.9	75.5	75.7	76.2	76.7	76.7	77.1	77.3	77.3	77.7	77.8	77.8	78.1
≥ 4000	13.6	72.7	76.1	76.4	79.1	79.3	79.9	80.3	80.3	80.8	80.9	80.9	81.3	81.4	81.4	81.7
≥ 3500	13.7	74.0	77.5	77.7	80.7	80.9	81.4	81.9	81.9	82.4	82.5	82.5	82.9	83.0	83.0	83.3
≥ 3000	13.9	75.1	79.3	79.5	82.5	82.7	83.5	83.9	83.9	84.4	84.5	84.5	85.0	85.1	85.1	85.3
≥ 2500	13.9	76.1	80.3	80.5	83.5	83.7	84.6	85.1	85.1	85.5	85.6	85.6	86.1	86.2	86.2	86.4
≥ 2000	14.1	77.5	82.4	82.6	85.7	86.0	86.9	87.3	87.3	87.8	87.9	87.9	88.3	88.5	88.5	88.7
≥ 1800	14.1	77.9	82.8	83.0	86.2	86.4	87.3	87.8	87.8	88.2	88.3	88.3	88.8	88.9	88.9	89.1
≥ 1500	14.1	78.7	83.7	83.9	87.4	87.7	88.7	89.6	89.6	90.0	90.2	90.2	90.6	90.7	90.7	91.0
≥ 1200	14.6	79.4	84.4	84.6	88.1	88.3	89.4	90.3	90.3	90.7	90.8	90.8	91.3	91.4	91.4	91.6
≥ 1000	14.8	79.8	84.7	85.0	88.5	88.7	90.2	91.9	91.9	92.4	92.5	92.5	93.0	93.1	93.1	93.3
≥ 900	15.2	80.1	85.1	85.3	89.0	89.3	90.7	92.4	92.4	93.0	93.1	93.1	93.6	93.7	93.7	93.9
≥ 800	15.6	81.0	86.0	86.2	90.0	90.3	91.7	93.4	93.4	94.0	94.1	94.1	94.6	94.7	94.7	94.9
≥ 700	16.1	81.7	86.7	86.9	90.7	91.0	92.4	94.1	94.1	94.7	94.8	94.8	95.2	95.4	95.4	95.6
≥ 600	16.1	81.8	86.8	87.0	90.8	91.1	92.5	94.5	94.5	95.0	95.1	95.2	95.7	95.8	95.8	96.2
≥ 500	16.1	81.9	87.0	87.2	91.1	91.3	92.8	94.8	94.8	95.4	95.5	95.6	96.2	96.4	96.4	96.7
≥ 400	16.1	82.0	87.1	87.3	91.5	91.7	93.4	95.5	95.5	96.0	96.2	96.3	96.8	97.2	97.3	97.6
≥ 300	16.1	82.2	87.4	87.7	91.9	92.1	93.8	95.8	95.8	96.4	96.5	96.6	97.2	97.5	97.6	98.0
≥ 200	16.1	82.2	87.4	87.7	91.9	92.1	93.8	95.8	95.8	96.4	96.5	96.6	97.2	97.5	97.6	98.0
≥ 100	16.1	82.2	87.4	87.7	91.9	92.1	93.8	95.8	95.8	96.4	96.5	96.6	97.2	97.5	97.6	98.0
≥ 0	16.1	82.2	87.4	87.7	91.9	92.1	93.8	95.8	95.8	96.4	96.5	96.6	97.2	97.5	97.6	98.0

TOTAL NUMBER OF OBSERVATIONS 884

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.9	43.7	43.9	43.9	44.2	44.4	44.6	44.7	44.7	45.1	45.2	45.2	45.5	45.5	45.7	45.9
≥ 20000	11.6	45.9	46.1	46.1	46.5	46.6	46.8	46.9	46.9	47.4	47.5	47.5	47.8	47.8	48.0	48.2
IV 18000	11.7	48.6	48.9	48.9	49.2	49.4	49.6	49.7	49.7	50.2	50.3	50.3	50.6	50.6	50.8	51.0
IV 16000	11.8	49.2	49.5	49.5	49.9	50.0	50.2	50.4	50.4	50.8	50.9	50.9	51.2	51.2	51.4	51.6
IV 14000	11.9	49.7	50.0	50.0	50.4	50.5	50.7	50.9	50.9	51.4	51.4	51.4	51.8	51.8	52.0	52.2
IV 12000	11.9	50.0	50.3	50.3	50.7	50.9	51.0	51.2	51.2	51.7	51.8	51.8	52.1	52.1	52.3	52.5
IV 10000	12.0	50.8	51.2	51.2	51.6	51.7	51.9	52.1	52.1	52.6	52.6	52.6	53.0	53.0	53.2	53.4
IV 9000	12.0	51.4	51.8	51.8	52.2	52.4	52.6	52.8	52.8	53.2	53.3	53.3	53.6	53.6	53.9	54.0
IV 8000	12.3	55.3	55.9	56.0	56.6	56.8	57.1	57.4	57.4	57.9	57.9	57.9	58.3	58.3	58.5	58.7
IV 7000	12.3	58.8	59.6	59.7	60.7	60.8	61.1	61.5	61.5	62.0	62.0	62.0	62.4	62.4	62.6	62.8
IV 6000	12.5	61.3	62.5	62.7	63.9	64.1	64.5	64.9	64.9	65.4	65.4	65.4	65.8	65.8	66.0	66.2
IV 5000	12.6	70.4	72.3	72.4	74.0	74.3	74.7	75.1	75.1	75.7	75.8	75.8	76.2	76.2	76.5	76.7
IV 4500	12.6	71.0	72.8	73.0	74.6	74.9	75.3	75.8	75.8	76.4	76.4	76.4	76.8	76.9	77.2	77.3
IV 4000	12.8	74.2	76.4	76.6	78.6	78.9	79.3	79.8	79.8	80.5	80.6	80.6	81.0	81.0	81.3	81.5
IV 3500	12.9	75.5	77.8	78.0	80.1	80.4	81.1	81.6	81.6	82.3	82.4	82.4	82.8	82.8	83.1	83.3
IV 3000	13.4	77.2	79.8	80.0	82.4	82.7	83.6	84.1	84.1	84.9	85.0	85.0	85.4	85.4	85.7	85.9
IV 2500	13.7	78.4	81.1	81.3	84.0	84.3	85.2	85.8	85.8	86.6	86.7	86.7	87.1	87.1	87.4	87.6
IV 2000	13.9	79.4	82.5	82.8	85.8	86.1	87.1	87.7	87.8	88.6	88.7	88.7	89.1	89.2	89.5	89.6
IV 1800	13.9	79.7	82.8	83.1	86.1	86.4	87.4	88.0	88.1	88.9	89.0	89.0	89.5	89.5	89.8	90.0
IV 1500	14.7	80.5	83.7	84.0	87.1	87.5	88.6	89.3	89.4	90.2	90.3	90.4	90.8	90.8	91.1	91.3
IV 1200	14.4	81.3	84.5	84.8	88.0	88.3	89.5	90.3	90.3	91.1	91.2	91.3	91.8	91.8	92.1	92.3
IV 1000	14.8	82.1	85.3	85.6	89.0	89.4	90.7	91.9	92.0	93.0	93.2	93.3	93.8	93.8	94.1	94.3
IV 900	14.9	82.3	85.5	85.8	89.3	89.7	91.0	92.2	92.3	93.3	93.5	93.6	94.1	94.1	94.4	94.6
IV 800	15.3	83.0	86.3	86.6	90.1	90.5	91.9	93.1	93.3	94.4	94.6	94.7	95.2	95.2	95.6	95.7
IV 700	15.4	83.4	86.7	87.0	90.5	91.0	92.4	93.6	93.7	94.9	95.0	95.2	95.7	95.7	96.1	96.2
IV 600	15.4	83.7	87.0	87.3	90.9	91.3	92.8	94.0	94.2	95.4	95.5	95.7	96.2	96.2	96.6	96.8
IV 500	15.5	83.9	87.3	87.5	91.3	91.7	93.2	94.5	94.6	95.8	96.0	96.2	96.8	96.9	97.2	97.5
IV 400	15.6	84.1	87.5	87.7	91.6	92.0	93.5	94.9	95.0	96.3	96.5	96.6	97.3	97.4	97.7	98.1
IV 300	15.6	84.1	87.6	87.8	91.7	92.2	93.8	95.2	95.3	96.6	96.8	96.9	97.7	97.8	98.2	98.5
IV 200	15.6	84.1	87.6	87.9	91.7	92.4	93.9	95.4	95.5	96.9	97.1	97.3	98.3	98.5	99.0	99.6
IV 100	15.6	84.1	87.6	87.9	91.8	92.4	94.0	95.4	95.6	96.9	97.2	97.3	98.4	98.5	99.2	99.9
IV 0	15.6	84.1	87.6	87.9	91.8	92.4	94.0	95.4	95.6	96.9	97.2	97.3	98.4	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635

THULE AB GL

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	8.0	30.3	30.6	30.6	30.6	30.7	31.4	31.4	31.5	31.9	31.9	31.9	32.4	32.5	32.8	33.0
≥ 20000	8.5	32.0	32.3	32.3	32.3	32.4	33.0	33.0	33.2	33.5	33.5	33.5	34.1	34.2	34.4	34.7
≥ 18000	8.5	32.6	32.9	32.9	32.9	33.0	33.8	33.8	33.9	34.3	34.3	34.3	34.8	35.0	35.2	35.5
IV 16000	8.5	32.6	32.9	32.9	32.9	33.0	33.8	33.8	33.9	34.3	34.3	34.3	34.8	35.0	35.2	35.5
IV 14000	8.5	32.8	33.0	33.0	33.0	33.2	33.9	33.9	34.1	34.4	34.4	34.4	35.0	35.1	35.3	35.6
IV 12000	8.5	32.8	33.0	33.0	33.0	33.2	33.9	33.9	34.1	34.4	34.4	34.4	35.0	35.1	35.3	35.6
IV 10000	8.6	34.1	34.3	34.3	34.3	34.4	35.2	35.2	35.3	35.7	35.7	35.7	36.2	36.4	36.6	37.0
IV 9000	8.6	34.1	34.6	34.6	34.6	34.8	35.6	35.6	35.7	36.1	36.1	36.1	36.6	36.8	37.0	37.4
IV 8000	9.6	38.6	39.1	39.3	39.3	39.6	40.4	40.4	40.5	40.9	40.9	40.9	41.4	41.5	41.8	42.2
IV 7000	9.6	41.8	42.3	42.5	42.5	42.8	43.6	43.6	43.7	44.1	44.1	44.1	44.6	44.7	45.1	45.6
IV 6000	10.0	44.0	44.7	45.1	45.5	45.8	46.5	46.5	46.7	47.0	47.0	47.0	47.6	47.7	48.1	48.6
IV 5000	10.5	54.2	55.3	55.7	56.0	56.3	57.1	57.1	57.2	57.6	57.6	57.6	58.1	58.2	58.9	59.4
IV 4500	10.5	54.8	55.8	56.2	56.6	56.8	57.6	57.6	57.7	58.1	58.1	58.1	58.6	58.7	59.4	59.9
IV 4000	10.8	60.2	61.2	61.6	62.1	62.3	63.1	63.4	63.5	63.9	63.9	63.9	64.4	64.5	65.2	65.7
IV 3500	11.8	62.2	63.2	63.6	64.5	64.8	65.6	65.8	65.9	66.3	66.3	66.3	66.8	67.0	67.6	68.1
IV 3000	12.2	64.0	65.2	65.6	67.0	67.2	68.0	68.3	68.4	68.9	68.9	68.9	69.4	69.5	70.2	70.7
IV 2500	12.7	66.7	67.9	68.3	70.1	70.4	71.2	71.7	71.9	72.4	72.4	72.4	72.9	73.0	73.7	74.2
IV 2000	13.1	68.5	69.7	70.1	71.9	72.2	73.3	73.9	74.0	74.7	74.7	74.7	75.2	75.3	76.0	76.5
IV 1800	13.4	69.2	70.3	70.7	72.5	72.9	73.9	74.6	74.7	75.3	75.3	75.3	75.8	76.0	76.6	77.1
IV 1500	13.8	69.9	71.2	71.6	73.7	74.0	75.4	76.1	76.2	76.9	76.9	76.9	77.4	77.5	78.1	78.7
IV 1200	13.8	70.4	71.7	72.1	74.4	74.8	76.2	77.0	77.1	77.8	77.8	77.8	78.3	78.4	79.0	79.6
IV 1000	13.8	70.6	71.9	72.2	74.7	75.1	77.1	77.9	78.0	78.7	78.7	78.7	79.2	79.3	79.9	80.5
IV 900	13.8	71.3	72.6	73.0	75.4	75.8	77.9	78.7	78.8	79.4	79.4	79.4	80.2	80.3	81.0	81.5
IV 800	13.8	71.7	73.0	73.4	75.8	76.2	78.3	79.0	79.2	79.9	79.9	79.9	80.7	80.8	81.5	82.0
IV 700	14.1	72.5	73.8	74.2	76.6	77.0	79.0	79.8	79.9	80.7	80.7	80.7	81.5	81.6	82.3	82.8
IV 600	14.8	73.3	74.6	74.9	77.5	78.3	80.3	81.2	81.4	82.4	82.4	82.4	83.2	83.3	83.9	84.4
IV 500	14.8	73.8	75.1	75.6	78.3	79.0	81.5	82.4	82.5	83.7	83.7	83.7	85.1	85.2	85.9	86.5
IV 400	14.9	74.0	75.4	76.0	79.0	80.6	83.5	84.4	84.6	85.9	85.9	85.9	87.3	87.4	88.0	88.7
IV 300	14.9	74.8	76.3	77.1	81.0	82.5	86.0	86.9	87.0	88.4	88.4	88.4	90.0	90.1	91.5	92.2
IV 200	14.9	74.9	76.7	77.5	81.5	83.0	86.5	87.5	87.7	89.6	89.6	89.6	91.5	91.8	95.2	96.3
IV 100	14.9	74.9	76.7	77.5	81.5	83.0	86.5	87.7	87.9	90.0	90.0	90.1	92.8	93.7	98.7	99.9
IV 0	14.9	74.9	76.7	77.5	81.5	83.0	86.5	87.7	87.9	90.0	90.0	90.1	92.8	93.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.3	30.0	30.2	30.2	30.7	30.7	31.1	31.1	31.1	31.4	31.8	31.8	32.1	32.2	32.3	32.5
≥ 20000	7.9	31.3	31.4	31.4	32.0	32.0	32.3	32.3	32.3	32.7	33.1	33.1	33.4	33.5	33.6	33.8
≥ 18000	7.9	32.6	32.9	32.9	33.4	33.4	33.9	33.9	33.9	34.3	34.7	34.7	34.9	35.1	35.2	35.3
≥ 16000	7.9	32.6	32.9	32.9	33.4	33.4	33.9	33.9	33.9	34.3	34.7	34.7	34.9	35.1	35.2	35.3
≥ 14000	7.9	32.6	32.9	32.9	33.4	33.4	33.9	33.9	33.9	34.3	34.7	34.7	34.9	35.1	35.2	35.3
≥ 12000	7.9	32.6	32.9	32.9	33.4	33.4	33.9	33.9	33.9	34.3	34.7	34.7	34.9	35.1	35.2	35.3
≥ 10000	8.1	34.0	34.3	34.3	34.9	34.9	35.4	35.4	35.4	35.8	36.2	36.2	36.5	36.6	36.7	36.9
≥ 9000	8.1	34.5	34.8	34.8	35.4	35.4	36.0	36.0	36.0	36.3	36.7	36.7	37.0	37.1	37.2	37.4
≥ 8000	9.1	38.4	38.7	38.7	39.3	39.3	39.8	39.8	39.8	40.2	40.6	40.6	40.9	41.0	41.1	41.2
≥ 7000	9.3	42.0	42.5	42.5	43.2	43.4	44.1	44.2	44.2	44.6	45.0	45.0	45.2	45.4	45.5	45.6
≥ 6000	9.5	44.3	44.8	45.0	45.9	46.1	46.8	46.9	46.9	47.4	47.8	47.8	48.1	48.2	48.3	48.5
≥ 5000	9.8	54.9	55.5	55.7	56.7	57.0	57.6	57.7	57.7	58.2	58.6	58.6	58.9	59.0	59.1	59.3
≥ 4500	10.2	55.5	56.2	56.3	57.6	57.9	58.5	58.6	58.6	59.1	59.5	59.5	59.8	59.9	60.1	60.2
≥ 4000	11.0	59.7	60.7	60.8	62.5	62.8	63.4	63.5	63.5	64.0	64.4	64.4	64.7	64.8	64.9	65.1
≥ 3500	11.0	61.0	62.5	62.6	64.4	64.8	65.5	65.6	65.6	66.1	66.5	66.5	66.8	66.9	67.0	67.1
≥ 3000	11.6	62.6	64.2	64.3	66.8	67.1	67.8	67.9	67.9	68.4	68.8	68.8	69.1	69.2	69.3	69.5
≥ 2500	11.9	64.8	66.4	66.5	69.5	69.8	70.5	70.6	70.6	71.3	71.6	71.6	71.9	72.0	72.2	72.3
≥ 2000	12.0	66.2	67.9	68.0	71.1	71.5	72.2	72.7	72.7	73.3	73.7	73.7	74.0	74.1	74.2	74.4
≥ 1800	12.1	66.6	68.3	68.4	71.5	71.9	72.6	73.1	73.1	73.7	74.1	74.1	74.4	74.5	74.6	74.7
≥ 1500	12.8	67.9	69.6	69.7	73.2	73.6	74.6	75.1	75.1	75.8	76.2	76.2	76.4	76.5	76.7	76.8
≥ 1200	13.4	69.2	70.9	71.0	75.0	75.4	76.8	77.3	77.3	78.0	78.5	78.5	78.9	79.0	79.1	79.3
≥ 1000	13.4	69.2	71.0	71.1	75.3	75.6	77.4	78.0	78.0	78.6	79.1	79.1	79.6	79.6	79.9	80.0
≥ 900	13.7	69.7	71.5	71.6	75.8	76.2	78.0	78.5	78.5	79.1	79.6	79.6	80.2	80.3	80.4	80.5
≥ 800	13.9	71.3	73.1	73.2	77.3	77.7	79.5	80.2	80.2	80.8	81.3	81.3	81.8	82.0	82.1	82.2
≥ 700	14.0	71.6	73.5	73.6	77.7	78.1	79.9	80.5	80.5	81.4	82.0	82.0	82.5	82.6	82.7	82.9
≥ 600	14.4	72.0	73.8	74.0	78.1	78.5	80.3	81.1	81.1	82.1	82.6	82.6	83.1	83.2	83.4	83.5
≥ 500	14.4	72.4	74.2	74.4	78.7	79.3	81.6	82.3	82.3	83.6	84.1	84.1	84.9	85.1	85.2	85.7
≥ 400	14.4	73.2	75.4	75.5	80.0	80.5	83.4	84.1	84.1	86.0	86.5	86.5	87.6	87.8	87.9	88.4
≥ 300	14.4	73.7	76.3	76.4	81.4	82.0	85.2	86.0	86.0	88.4	89.0	89.0	90.9	91.0	91.4	91.9
≥ 200	14.4	73.7	76.3	76.4	81.4	82.2	85.8	86.9	86.9	89.3	89.9	90.1	93.3	93.6	95.4	96.3
≥ 100	14.4	73.7	76.3	76.4	81.4	82.2	85.8	86.9	86.9	89.4	90.2	90.3	94.3	95.1	97.4	99.2
≥ 0	14.4	73.7	76.3	76.4	81.4	82.2	85.8	86.9	86.9	89.4	90.2	90.3	94.7	95.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 776

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17505

THULE AB GL

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.9	28.2	28.3	28.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.9
≥ 20000	7.5	30.0	30.1	30.1	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.7
≥ 18000	7.5	31.1	31.3	31.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.8
≥ 16000	7.5	31.1	31.3	31.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.8
≥ 14000	7.5	31.1	31.3	31.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.8
≥ 12000	7.5	31.4	31.5	31.5	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.1
≥ 10000	7.9	32.8	33.1	33.1	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.8
≥ 9000	7.9	33.5	33.7	33.7	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.4
≥ 8000	8.4	37.2	37.5	37.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.4
≥ 7000	8.5	42.1	42.3	42.5	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.3
≥ 6000	8.9	43.2	43.6	43.9	46.6	46.6	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.5	47.6	47.9
≥ 5000	9.3	53.9	54.3	54.6	57.3	57.5	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.2	58.4	58.7
≥ 4500	9.3	54.1	54.7	55.1	57.8	58.2	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.2	59.5
≥ 4000	10.4	59.5	60.0	60.4	63.1	63.5	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.3	64.5
≥ 3500	10.4	60.5	62.2	62.5	66.0	66.4	66.8	66.9	66.9	67.2	67.2	67.2	67.2	67.3	67.6	67.9
≥ 3000	10.8	62.2	64.1	64.6	68.7	69.2	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.3	70.5	70.8
≥ 2500	12.1	65.0	67.1	67.6	71.7	72.2	72.7	72.8	72.8	73.1	73.1	73.1	73.1	73.2	73.5	73.7
≥ 2000	12.5	66.3	68.3	68.9	73.2	73.9	74.4	74.6	74.6	74.9	74.9	74.9	74.9	75.2	75.4	75.7
≥ 1800	12.6	66.4	68.5	69.0	73.4	74.0	74.5	74.8	74.8	75.0	75.0	75.0	75.0	75.3	75.5	75.8
≥ 1500	13.0	68.0	70.3	70.8	75.5	76.2	77.1	77.3	77.3	77.6	77.6	77.6	77.6	77.9	78.1	78.4
≥ 1200	13.8	69.1	71.4	71.9	76.7	77.5	78.4	78.6	78.6	78.9	78.9	78.9	78.9	79.2	79.4	79.7
≥ 1000	13.9	69.9	72.6	73.1	77.9	78.6	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.7	81.0	81.3
≥ 900	14.0	70.1	72.8	73.4	78.1	78.9	80.2	80.6	80.6	80.8	80.8	80.8	80.8	81.1	81.3	81.7
≥ 800	14.3	70.7	73.4	73.9	78.6	79.4	81.0	81.5	81.5	81.9	81.9	81.9	81.9	82.1	82.4	82.8
≥ 700	14.5	71.6	74.3	74.8	79.7	80.4	82.2	82.8	82.8	83.1	83.1	83.1	83.1	83.4	83.7	84.0
≥ 600	14.5	71.6	74.3	74.8	79.7	80.4	82.2	82.8	82.8	83.1	83.1	83.1	83.1	83.5	83.8	84.2
≥ 500	14.7	72.6	75.4	76.1	81.0	81.7	84.0	84.6	84.6	85.3	85.5	85.5	85.5	86.4	86.6	87.1
≥ 400	14.8	73.0	75.8	76.4	81.7	82.8	85.5	86.0	86.0	86.7	87.0	87.0	87.0	88.3	88.7	89.2
≥ 300	14.8	73.1	75.9	76.6	82.4	83.4	86.1	86.6	86.6	87.9	88.3	88.3	88.3	90.2	90.6	91.6
≥ 200	14.9	73.1	76.4	77.1	82.9	83.9	86.9	87.9	87.9	89.3	89.8	89.8	89.8	93.4	93.8	96.3
≥ 100	14.9	73.2	76.6	77.2	83.1	84.2	87.1	88.3	88.3	90.1	90.6	90.7	90.7	94.7	95.2	98.9
≥ 0	14.9	73.2	76.6	77.2	83.1	84.2	87.1	88.3	88.3	90.1	90.6	90.7	90.7	94.7	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE A3 GL

69-70, 74-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	7.6 8.7	29.2 30.7	29.7 31.3	29.9 31.6	30.3 32.0	30.3 32.0	30.8 32.5	31.2 32.9	31.2 32.9	31.5 33.1	31.6 33.2	31.6 33.2	31.6 33.2	31.6 33.2	31.6 33.2	31.7 33.4
≥ 18000 IV 16000	8.1 8.0	31.8 31.8	32.5 32.5	32.7 32.7	33.1 33.1	33.1 33.1	33.6 33.6	34.0 34.0	34.0 34.0	34.3 34.3	34.4 34.4	34.4 34.4	34.4 34.4	34.4 34.4	34.4 34.4	34.5 34.5
≥ 14000 IV 12000	8.3 8.0	32.0 32.4	32.6 33.0	32.9 33.2	33.2 33.6	33.2 33.6	33.8 34.1	34.1 34.5	34.1 34.5	34.4 34.8	34.4 34.9	34.5 34.9	34.5 34.9	34.5 34.9	34.5 34.9	34.6 35.0
≥ 10000 IV 9000	8.4 8.4	34.3 34.9	35.0 35.7	35.4 36.1	35.9 36.6	35.9 36.6	36.4 37.1	36.8 37.5	36.8 37.5	37.1 37.7	37.2 37.8	37.2 37.8	37.2 37.8	37.2 37.8	37.2 37.8	37.3 38.0
≥ 8000 IV 7000	8.8 8.8	38.1 41.7	38.9 42.8	39.2 43.2	40.1 44.2	40.1 44.2	40.9 45.0	41.3 45.4	41.3 45.4	41.7 45.7	41.8 45.9	41.8 45.9	41.9 46.0	41.9 46.0	41.9 46.0	42.0 46.1
≥ 6000 IV 5000	9.4 9.9	44.1 53.5	45.4 55.2	45.9 55.7	47.1 56.9	47.1 56.9	47.9 58.0	48.3 58.3	48.3 58.3	48.8 58.9	48.9 59.0	48.9 59.0	49.0 59.1	49.0 59.1	49.0 59.1	49.2 59.2
≥ 4500 IV 4000	9.9 10.7	54.3 59.1	56.2 61.1	56.8 61.8	58.1 63.2	58.1 63.3	59.1 64.3	59.5 64.8	59.5 64.8	60.0 65.4	60.1 65.5	60.1 65.5	60.3 65.6	60.3 65.6	60.3 65.6	60.4 65.7
≥ 3500 IV 3000	11.0 11.8	60.9 64.2	62.9 66.4	63.6 67.0	65.0 68.8	65.1 68.9	66.1 69.9	66.6 70.4	66.6 70.4	67.1 71.3	67.3 71.5	67.3 71.5	67.4 71.6	67.4 71.6	67.4 71.6	67.5 71.7
≥ 2500 IV 2000	12.7 13.2	67.4 69.8	69.7 72.6	70.3 73.2	72.2 75.3	72.4 75.4	73.5 77.2	74.0 77.8	74.0 77.8	74.9 78.7	75.0 78.9	75.0 78.9	75.3 79.1	75.3 79.1	75.3 79.1	75.4 79.2
≥ 1800 IV 1500	13.4 13.5	70.3 70.8	73.1 73.8	73.8 74.4	75.8 76.4	75.9 76.6	77.7 78.3	78.3 79.0	78.3 79.0	79.2 80.0	79.4 80.1	79.4 80.1	79.6 80.4	79.6 80.4	79.6 80.4	79.7 80.5
≥ 1200 IV 1000	13.6 13.9	71.0 72.0	73.9 74.9	74.5 75.5	76.7 77.8	76.9 78.1	78.9 80.0	79.6 80.8	79.6 80.8	80.6 81.9	80.9 82.3	80.9 82.3	81.1 82.5	81.1 82.5	81.1 82.5	81.3 82.7
≥ 900 IV 800	14.3 14.3	72.5 73.1	75.4 76.2	76.1 77.1	78.3 79.5	78.6 79.7	80.5 81.7	81.3 82.5	81.3 82.5	82.4 83.7	82.8 84.1	82.8 84.1	83.1 84.3	83.1 84.3	83.1 84.3	83.2 84.5
≥ 700 IV 600	14.4 14.6	73.6 74.1	76.9 77.6	77.8 78.5	80.5 81.1	80.8 81.4	82.7 83.8	83.6 84.7	83.6 84.7	84.7 85.9	85.2 86.4	85.2 86.4	85.6 86.8	85.6 86.8	85.6 86.8	85.7 86.9
≥ 500 IV 400	14.8 14.9	74.8 75.5	78.5 79.2	79.4 80.1	82.2 83.3	82.4 83.6	85.1 86.6	86.0 87.9	86.0 87.9	87.5 89.7	88.5 90.8	88.5 90.8	89.2 91.7	89.2 91.7	89.2 91.7	89.3 91.8
≥ 300 IV 200	15.0 15.0	75.9 76.4	79.6 80.6	80.5 81.5	84.6 85.9	84.8 86.1	88.0 89.4	89.3 91.2	89.4 91.3	91.6 94.0	93.0 95.5	93.0 95.7	94.4 97.8	94.4 98.0	94.4 98.0	94.6 98.2
≥ 100 IV 0	15.0 15.0	76.4 76.4	80.6 80.6	81.5 81.5	85.9 85.9	86.1 86.1	89.6 89.6	91.3 91.3	91.5 91.5	94.4 94.4	96.2 96.2	96.3 96.3	98.6 98.6	98.7 98.7	98.7 98.7	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE A3 GL

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	7.8	30.6	30.7	30.7	31.6	31.6	31.6	32.7	32.9	33.4	33.7	33.7	33.9	33.9	34.2	34.2
IV 18000	8.0	33.2	33.3	33.3	34.2	34.2	34.2	35.2	35.5	36.0	36.3	36.3	36.6	36.6	36.8	36.8
IV 16000	8.0	34.1	34.2	34.2	35.1	35.1	35.1	36.1	36.3	36.8	37.2	37.2	37.5	37.5	37.7	37.7
IV 14000	8.0	34.2	34.3	34.3	35.2	35.2	35.2	36.2	36.5	37.0	37.4	37.4	37.6	37.6	37.9	37.9
IV 12000	9.0	34.4	34.6	34.6	35.5	35.5	35.5	36.5	36.7	37.2	37.6	37.6	37.9	37.9	38.1	38.1
IV 10000	8.0	35.1	35.2	35.2	36.1	36.1	36.1	37.1	37.4	37.9	38.2	38.2	38.5	38.5	38.8	38.8
IV 9000	9.3	37.2	37.9	37.9	38.8	38.8	38.8	39.8	40.0	40.5	40.9	40.9	41.2	41.2	41.4	41.4
IV 8000	9.3	37.5	38.1	38.1	39.0	39.0	39.0	40.0	40.3	40.8	41.2	41.2	41.4	41.4	41.7	41.7
IV 7000	9.8	41.2	41.8	41.8	42.7	42.7	42.8	43.8	44.1	44.6	45.0	45.0	45.6	45.6	46.0	46.0
IV 6000	9.9	44.0	45.0	45.0	45.9	45.9	46.0	47.0	47.3	47.8	48.2	48.2	48.8	48.8	49.2	49.2
IV 5000	10.0	45.2	46.4	46.4	47.4	47.4	47.6	48.7	48.9	49.6	49.9	49.9	50.6	50.6	51.0	51.0
IV 4500	11.6	56.2	57.4	57.4	58.6	58.6	58.8	59.8	60.1	60.7	61.1	61.1	61.8	61.8	62.1	62.1
IV 4000	11.9	57.4	59.1	59.1	60.2	60.2	60.5	61.5	61.8	62.4	62.8	62.8	63.4	63.4	63.8	63.8
IV 3500	12.3	61.8	63.7	63.7	64.8	64.8	65.1	66.1	66.3	67.0	67.3	67.3	68.0	68.0	68.4	68.4
IV 3000	12.6	63.3	65.3	65.3	66.5	66.5	66.7	67.7	68.0	68.6	69.0	69.0	69.6	69.6	70.0	70.0
IV 2500	13.1	66.7	69.3	69.3	70.6	70.6	70.9	71.9	72.2	72.8	73.2	73.2	73.8	73.8	74.2	74.2
IV 2000	13.5	69.5	72.4	72.4	73.8	73.8	74.2	75.2	75.5	76.1	76.5	76.5	77.1	77.1	77.5	77.5
IV 1800	14.1	72.3	75.5	75.5	77.0	77.0	77.6	78.7	78.9	79.5	79.9	79.9	80.6	80.6	80.9	80.9
IV 1500	14.6	73.3	76.5	76.5	78.0	78.1	78.9	79.9	80.2	80.8	81.2	81.2	81.8	81.8	82.2	82.2
IV 1200	15.2	74.3	77.6	77.6	79.2	79.4	80.3	81.6	81.8	82.6	83.0	83.0	83.6	83.6	84.0	84.0
IV 1000	15.5	75.2	78.5	78.5	80.2	80.4	81.4	82.7	83.0	84.1	84.5	84.5	85.1	85.1	85.5	85.5
IV 900	15.6	76.1	79.4	79.4	81.1	81.3	82.3	83.6	83.9	85.0	85.4	85.4	86.0	86.0	86.4	86.4
IV 800	15.6	76.5	79.9	79.9	81.6	81.8	82.8	84.2	84.5	85.9	86.3	86.3	86.9	86.9	87.3	87.3
IV 700	15.8	77.1	80.6	80.6	82.2	82.5	83.5	84.9	85.1	86.5	86.9	86.9	87.5	87.5	87.9	87.9
IV 600	16.1	78.1	82.0	82.0	83.6	83.9	85.0	86.4	86.7	88.1	88.4	88.4	89.2	89.2	89.6	89.6
IV 500	16.4	78.4	82.3	82.3	84.4	84.6	85.8	87.2	87.4	88.9	89.3	89.3	90.3	90.3	90.7	90.7
IV 400	16.5	78.5	82.5	82.5	84.6	84.9	86.1	87.7	87.9	89.8	90.2	90.5	91.7	91.7	92.1	92.1
IV 300	16.8	79.9	84.4	84.4	86.7	86.9	88.4	90.0	90.2	92.5	93.1	93.4	95.0	95.0	95.4	95.4
IV 200	17.0	80.6	85.0	85.0	87.5	87.8	89.5	91.1	91.4	93.8	94.7	94.9	97.0	97.1	97.6	97.6
IV 100	17.0	80.9	85.5	85.5	88.6	89.2	90.9	92.5	92.8	95.4	96.3	96.6	98.7	99.2	100.0	100.0
IV 0	17.0	80.9	85.5	85.5	88.6	89.2	90.9	92.5	92.8	95.4	96.3	96.6	98.7	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING	8.9	32.0	32.1	32.4	32.8	32.8	33.2	33.5	33.5	34.1	34.3	34.3	34.4	34.4	34.6	34.6
≥ 20000	8.9	33.0	33.2	33.4	33.8	33.8	34.3	34.7	34.7	35.2	35.7	35.7	36.0	36.0	36.1	36.1
≥ 18000	8.9	35.3	35.5	35.7	36.1	36.1	36.6	37.0	37.0	37.5	38.0	38.0	38.3	38.3	38.4	38.4
≥ 16000	8.9	35.7	35.8	36.1	36.5	36.5	37.0	37.4	37.4	37.9	38.4	38.4	38.6	38.6	38.8	38.8
≥ 14000	8.9	35.8	36.0	36.2	36.6	36.6	37.1	37.5	37.5	38.0	38.5	38.5	38.8	38.8	38.9	38.9
≥ 12000	8.9	36.2	36.4	36.6	37.0	37.0	37.5	37.9	37.9	38.4	38.9	38.9	39.2	39.2	39.3	39.3
≥ 10000	9.2	37.4	37.5	37.9	38.4	38.4	38.9	39.3	39.3	39.8	40.3	40.3	40.6	40.6	40.7	40.7
≥ 9000	9.2	37.5	37.6	38.0	38.5	38.5	39.0	39.4	39.4	39.9	40.4	40.4	40.7	40.7	40.8	40.8
≥ 8000	9.7	42.0	42.2	42.6	43.1	43.1	43.6	44.0	44.0	44.5	45.0	45.0	45.3	45.3	45.4	45.4
≥ 7000	9.8	45.8	46.0	46.4	46.9	46.9	47.4	48.0	48.0	48.5	49.0	49.0	49.6	49.6	49.7	49.7
≥ 6000	10.3	47.7	49.1	48.5	49.1	49.1	49.6	50.1	50.1	51.1	51.7	51.7	52.3	52.3	52.4	52.4
≥ 5000	10.7	57.4	58.2	58.5	59.3	59.3	59.8	60.3	60.3	61.4	61.9	61.9	62.5	62.5	62.6	62.6
≥ 4500	10.8	58.3	59.1	59.4	60.2	60.2	60.7	61.2	61.2	62.2	62.8	62.8	63.4	63.4	63.5	63.5
≥ 4000	11.2	62.9	63.6	64.0	65.1	65.1	65.6	66.1	66.1	67.2	67.7	67.7	68.4	68.4	68.5	68.5
≥ 3500	12.0	65.4	66.5	66.8	67.9	67.9	68.4	68.9	68.9	70.0	70.5	70.5	71.2	71.2	71.3	71.3
≥ 3000	13.6	68.8	70.0	70.4	71.4	71.4	72.1	72.6	72.6	73.7	74.2	74.2	74.9	74.9	75.0	75.0
≥ 2500	14.4	71.7	73.0	73.3	74.7	74.9	75.6	76.3	76.3	77.4	77.9	77.9	78.6	78.6	78.7	78.7
≥ 2000	15.3	74.5	75.9	76.3	77.8	77.9	78.7	79.5	79.5	80.6	81.1	81.1	81.8	81.8	81.9	81.9
≥ 1800	15.3	74.7	76.1	76.5	78.1	78.2	79.0	79.7	79.7	80.9	81.4	81.4	82.0	82.0	82.1	82.1
≥ 1500	15.8	75.5	76.9	77.3	78.8	79.0	79.7	80.5	80.5	81.6	82.1	82.1	82.8	82.8	82.9	82.9
≥ 1200	15.9	75.9	77.3	77.7	79.2	79.3	80.1	80.9	80.9	82.0	82.5	82.5	83.2	83.2	83.3	83.3
≥ 1000	16.6	76.9	78.3	78.7	80.2	80.4	81.6	82.5	82.5	83.9	84.4	84.4	85.1	85.1	85.2	85.2
≥ 900	17.0	77.7	79.1	79.5	81.0	81.1	82.4	83.4	83.4	84.8	85.3	85.3	86.0	86.0	86.1	86.1
≥ 800	17.3	78.2	79.6	80.1	81.8	81.9	83.2	84.3	84.3	85.8	86.4	86.4	87.0	87.0	87.1	87.1
≥ 700	17.3	79.2	80.6	81.1	82.8	82.9	84.2	85.3	85.3	86.9	87.4	87.4	88.0	88.0	88.1	88.1
≥ 600	17.9	80.2	81.8	82.3	84.2	84.3	85.7	86.9	86.9	88.4	88.9	88.9	89.5	89.5	89.7	89.7
≥ 500	19.1	80.5	82.0	82.5	84.8	84.9	86.4	87.5	87.6	89.2	89.7	89.7	90.4	90.4	90.6	90.6
≥ 400	18.1	80.9	82.5	83.0	85.7	85.8	87.5	88.8	89.0	90.8	91.7	91.7	92.6	92.6	92.9	92.9
≥ 300	18.4	81.6	83.7	84.2	87.0	87.1	88.8	90.2	90.4	92.5	93.4	93.4	94.5	94.5	94.8	94.8
≥ 200	18.6	82.4	84.4	84.9	87.9	88.0	89.9	91.5	91.7	94.1	95.3	95.3	97.7	97.8	98.3	98.3
≥ 100	18.6	82.5	84.6	85.1	88.0	88.1	90.1	91.6	91.8	94.3	95.4	95.4	98.5	98.9	99.7	100.0
≥ 0	18.6	82.5	84.6	85.1	88.0	88.1	90.1	91.6	91.8	94.3	95.4	95.4	98.5	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967-68

THULE AB GL

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	7.6	30.6	31.1	31.1	31.5	31.5	32.0	32.1	32.1	32.9	33.2	33.2	33.3	33.3	33.3	33.4
≥20000	8.2	31.9	32.4	32.4	32.8	32.8	33.3	33.4	33.4	34.3	34.6	34.6	34.7	34.7	34.7	34.8
≥18000	8.5	33.7	34.2	34.2	34.6	34.6	35.1	35.2	35.2	36.1	36.4	36.4	36.5	36.5	36.5	36.6
≥16000	8.5	34.7	35.2	35.2	35.6	35.6	36.1	36.2	36.2	37.1	37.4	37.4	37.5	37.5	37.5	37.6
≥14000	8.5	35.0	35.5	35.5	35.9	35.9	36.4	36.5	36.5	37.4	37.6	37.6	37.8	37.8	37.8	37.9
≥12000	8.5	35.1	35.6	35.6	36.0	36.0	36.5	36.6	36.6	37.5	37.8	37.8	37.9	37.9	37.9	38.0
≥10000	8.7	36.2	36.9	36.9	37.3	37.3	37.8	37.9	37.9	38.8	39.1	39.1	39.2	39.2	39.2	39.3
≥9000	8.8	36.5	37.1	37.1	37.5	37.5	38.0	38.2	38.2	39.1	39.3	39.3	39.4	39.4	39.4	39.6
≥8000	9.9	41.9	42.5	42.5	42.9	42.9	43.4	43.5	43.5	44.4	44.7	44.7	44.8	44.8	44.8	44.9
≥7000	10.0	44.4	45.1	45.1	45.5	45.5	46.0	46.1	46.1	47.0	47.2	47.2	47.6	47.6	47.6	47.8
≥6000	11.7	47.8	48.7	48.7	49.3	49.3	49.8	49.9	49.9	51.0	51.2	51.2	51.6	51.6	51.6	51.7
≥5000	11.1	57.2	58.3	58.3	59.0	59.0	59.7	59.9	59.9	60.9	61.2	61.2	61.6	61.6	61.6	61.7
≥4500	11.1	58.3	59.0	59.0	59.8	59.8	60.4	60.7	60.7	61.7	62.0	62.0	62.4	62.4	62.4	62.5
≥4000	12.4	64.8	66.1	66.1	66.8	66.8	67.6	67.9	67.9	68.9	69.1	69.1	69.5	69.5	69.5	69.7
≥3500	12.7	67.2	68.6	68.6	69.4	69.4	70.2	70.4	70.4	71.4	71.7	71.7	72.1	72.1	72.1	72.2
≥3000	14.7	72.0	73.5	73.5	74.8	74.8	75.5	75.8	75.8	76.8	77.1	77.1	77.5	77.5	77.5	77.6
≥2500	15.5	74.0	75.8	75.8	77.6	77.6	78.4	78.6	78.6	79.6	79.9	79.9	80.3	80.3	80.3	80.4
≥2000	16.1	75.4	77.2	77.2	79.3	79.3	80.0	80.3	80.3	81.3	81.6	81.6	81.9	81.9	81.9	82.1
≥1800	16.1	75.7	77.5	77.5	79.6	79.6	80.4	80.7	80.7	81.7	81.9	81.9	82.3	82.3	82.3	82.5
≥1500	16.6	76.7	78.5	78.5	81.0	81.0	81.8	82.1	82.1	83.5	83.7	83.7	84.1	84.1	84.1	84.3
≥1200	16.9	77.3	79.1	79.1	81.7	81.7	82.5	82.7	82.7	84.1	84.4	84.4	84.8	84.8	84.8	84.9
≥1000	17.4	78.6	80.4	80.4	83.2	83.2	84.9	85.1	85.1	86.8	87.1	87.1	87.5	87.5	87.5	87.6
≥900	17.5	78.9	80.7	80.7	83.7	83.7	85.4	85.7	85.7	87.3	87.6	87.6	88.0	88.0	88.0	88.1
≥800	17.5	78.9	80.7	80.7	84.0	84.0	85.7	85.9	85.9	87.6	87.8	87.8	88.3	88.3	88.3	88.5
≥700	17.5	79.4	81.2	81.2	84.5	84.5	86.2	86.4	86.4	88.1	88.3	88.3	88.9	88.9	88.9	89.0
≥600	18.2	80.9	82.7	82.7	86.7	86.8	88.6	88.9	88.9	90.5	90.8	90.8	91.3	91.3	91.3	91.4
≥500	18.2	81.3	83.5	83.5	87.6	87.7	89.6	89.9	89.9	91.5	91.8	91.8	92.3	92.3	92.3	92.4
≥400	19.2	81.7	84.1	84.1	88.6	88.9	90.9	91.4	91.4	93.2	93.5	93.5	94.1	94.1	94.5	94.6
≥300	18.2	82.1	84.6	84.6	89.9	90.1	92.2	92.7	92.7	94.6	94.9	94.9	95.6	95.6	96.0	96.2
≥200	18.2	82.3	84.9	85.1	90.3	90.5	92.7	93.2	93.3	95.6	95.9	95.9	97.4	97.4	98.3	96.7
≥100	18.2	82.5	85.0	85.3	90.4	90.7	92.8	93.3	93.5	95.8	96.0	96.0	98.0	98.0	99.2	100.0
≥0	18.2	82.5	85.3	85.3	90.4	90.7	92.8	93.3	93.5	95.8	96.0	96.0	98.0	98.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	7.4 7.9	29.9 31.3	30.1 31.5	30.1 31.5	30.3 31.7	30.3 31.7	31.1 32.5	31.1 32.5	31.1 32.5	31.5 32.9	31.5 32.9	31.5 32.9	32.0 33.4	32.0 33.4	32.0 33.4	32.0 33.4
≥ 18000 IV 18000	8.2	32.5	32.6	32.6	32.9	32.9	33.6	33.6	33.6	34.0	34.0	34.0	34.5	34.5	34.5	34.5
IV 16000	8.2	33.1	33.2	33.2	33.5	33.5	34.3	34.3	34.3	34.6	34.6	34.6	35.2	35.2	35.2	35.2
IV 14000	8.2	33.4	33.5	33.5	33.8	33.8	34.5	34.5	34.5	34.9	34.9	34.9	35.4	35.4	35.4	35.4
IV 12000	8.2	33.5	33.6	33.6	33.9	33.9	34.6	34.6	34.6	35.0	35.0	35.0	35.5	35.5	35.5	35.5
IV 10000	8.8	34.5	34.6	34.6	34.9	34.9	35.7	35.7	35.7	36.0	36.0	36.0	36.5	36.5	36.5	36.5
IV 9500	8.8	34.9	35.0	35.0	35.3	35.3	36.0	36.0	36.0	36.4	36.4	36.4	36.9	36.9	36.9	36.9
IV 8000	9.6	40.9	41.0	41.0	41.2	41.2	42.0	42.0	42.0	42.4	42.4	42.4	42.9	42.9	42.9	42.9
IV 7000	10.2	43.7	43.8	43.8	44.0	44.0	44.8	44.8	44.8	45.2	45.2	45.2	45.7	45.7	45.7	45.7
IV 6000	11.2	47.6	48.5	48.5	48.9	48.9	49.6	49.6	49.6	50.0	50.0	50.0	50.5	50.5	50.5	50.5
IV 5000	11.5	55.8	56.9	56.9	57.4	57.5	58.2	58.2	58.2	58.9	58.9	58.9	59.4	59.4	59.4	59.4
IV 4500	11.7	57.0	58.0	58.0	58.5	58.6	59.4	59.4	59.4	60.0	60.0	60.0	60.5	60.5	60.5	60.5
IV 4000	12.3	63.6	64.6	64.6	65.1	65.2	66.0	66.0	66.0	66.6	66.6	66.6	67.1	67.1	67.1	67.1
IV 3500	12.3	66.0	67.3	67.3	67.9	68.0	68.8	68.8	68.8	69.4	69.4	69.4	69.9	69.9	69.9	69.9
IV 3000	13.6	70.2	71.8	71.8	72.5	72.6	73.4	73.4	73.4	74.0	74.0	74.0	74.5	74.5	74.5	74.5
IV 2500	14.1	73.2	75.0	75.1	76.0	76.3	77.2	77.2	77.2	77.8	77.8	77.8	78.3	78.3	78.3	78.3
IV 2000	14.5	74.4	76.1	76.3	77.3	77.5	78.4	78.4	78.4	79.1	79.1	79.1	79.6	79.6	79.6	79.6
IV 1800	14.7	74.6	76.4	76.5	77.5	77.8	78.7	78.8	78.8	79.4	79.4	79.4	79.9	79.9	79.9	79.9
IV 1500	14.3	75.6	77.5	77.7	78.7	78.9	79.9	80.1	80.1	81.0	81.0	81.0	81.5	81.5	81.5	81.5
IV 1200	15.0	76.0	78.0	78.2	79.2	79.4	80.5	80.6	80.6	81.5	81.5	81.5	82.0	82.0	82.0	82.0
IV 1000	15.0	76.5	78.8	78.9	79.9	80.2	81.6	81.7	81.7	82.7	82.7	82.7	83.2	83.2	83.2	83.2
IV 900	15.0	76.8	79.1	79.2	80.5	81.0	82.4	82.5	82.5	83.5	83.5	83.5	84.0	84.0	84.0	84.0
IV 800	15.0	76.8	79.1	79.2	80.6	81.1	82.6	82.7	82.7	83.8	83.8	83.8	84.4	84.4	84.4	84.4
IV 700	15.1	77.7	79.9	80.1	81.5	82.1	83.6	83.8	83.9	84.9	84.9	84.9	85.5	85.5	85.5	85.5
IV 600	16.0	78.8	81.1	81.2	82.7	83.4	85.0	85.2	85.3	86.3	86.3	86.3	86.9	86.9	86.9	86.9
IV 500	16.1	79.2	81.7	81.9	84.0	84.6	86.4	86.5	86.7	87.7	87.7	87.7	89.0	89.0	89.0	89.0
IV 400	16.1	79.4	82.1	82.2	84.4	85.3	87.2	87.6	87.7	88.7	88.7	88.7	90.1	90.1	90.5	90.5
IV 300	16.5	80.2	83.1	83.2	86.3	87.4	89.8	90.2	90.4	91.8	91.8	91.8	93.3	93.3	94.0	94.0
IV 200	16.5	80.5	83.4	83.5	86.7	87.8	90.2	90.6	90.7	92.4	92.6	92.6	94.7	94.7	96.7	96.8
IV 100	16.5	80.5	83.4	83.5	86.9	88.1	90.5	91.0	91.1	92.8	93.3	93.3	96.1	96.3	99.6	100.0
IV 0	16.5	80.5	83.4	83.5	86.9	88.1	90.5	91.0	91.1	92.8	93.3	93.3	96.1	96.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17E35

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	7.7	30.1	30.4	30.4	31.0	31.0	31.5	31.7	31.7	32.1	32.3	32.3	32.5	32.6	32.7	32.8
≥ 20000	8.1	31.7	31.9	32.0	32.6	32.6	33.1	33.3	33.3	33.8	34.0	34.0	34.2	34.3	34.4	34.5
≥ 18000	8.2	33.0	33.2	33.3	33.9	33.9	34.4	34.6	34.7	35.1	35.3	35.3	35.5	35.6	35.7	35.8
IV 16000	8.2	33.2	33.5	33.6	34.2	34.2	34.7	34.9	35.0	35.4	35.6	35.6	35.8	35.9	36.0	36.1
IV 14000	8.2	33.4	33.7	33.7	34.3	34.4	34.8	35.1	35.1	35.5	35.7	35.7	36.0	36.0	36.1	36.2
IV 12000	8.2	33.6	33.9	34.0	34.6	34.6	35.1	35.3	35.3	35.8	36.0	36.0	36.2	36.3	36.4	36.5
IV 10000	8.6	35.1	35.5	35.5	36.2	36.2	36.7	36.9	37.0	37.4	37.6	37.6	37.9	37.9	38.0	38.1
IV 9000	8.6	35.4	35.8	35.9	36.6	36.6	37.1	37.3	37.4	37.8	38.0	38.0	38.3	38.3	38.4	38.5
IV 8000	9.4	39.8	40.2	40.3	41.0	41.1	41.6	41.8	41.9	42.3	42.5	42.5	42.9	42.9	43.0	43.1
IV 7000	9.5	43.2	43.7	43.9	44.6	44.7	45.2	45.5	45.5	46.0	46.2	46.2	46.6	46.6	46.8	46.9
IV 6000	10.1	45.5	46.3	46.5	47.5	47.6	48.1	48.4	48.5	49.0	49.2	49.2	49.6	49.7	49.8	50.0
IV 5000	10.6	55.4	56.4	56.6	57.7	57.8	58.4	58.7	58.7	59.3	59.5	59.5	59.9	60.0	60.2	60.3
IV 4500	10.7	56.2	57.3	57.5	58.6	58.7	59.4	59.7	59.7	60.3	60.5	60.5	60.9	61.0	61.2	61.3
IV 4000	11.4	61.4	62.8	63.0	64.3	64.4	65.1	65.4	65.5	66.1	66.3	66.3	66.7	66.8	67.0	67.1
IV 3500	11.7	63.3	64.8	65.1	66.4	66.6	67.2	67.6	67.6	68.3	68.5	68.5	68.9	69.0	69.1	69.3
IV 3000	12.7	66.3	68.1	68.3	70.1	70.3	70.9	71.3	71.3	72.0	72.2	72.2	72.6	72.7	72.9	73.0
IV 2500	13.4	69.1	70.9	71.2	73.2	73.4	74.2	74.6	74.6	75.3	75.5	75.5	76.0	76.0	76.2	76.3
IV 2000	13.9	70.9	72.9	73.2	75.4	75.6	76.5	77.0	77.0	77.8	78.0	78.0	78.4	78.5	78.7	78.8
IV 1800	14.0	71.2	73.2	73.5	75.7	75.9	76.8	77.3	77.4	78.1	78.3	78.3	78.8	78.8	79.0	79.1
IV 1500	14.4	72.2	74.3	74.6	76.9	77.2	78.2	78.8	78.8	79.7	79.9	79.9	80.3	80.4	80.5	80.7
IV 1200	14.7	72.9	75.0	75.3	77.8	78.1	79.2	79.8	79.8	80.7	80.9	80.9	81.4	81.4	81.6	81.7
IV 1000	14.9	73.6	75.8	76.1	78.7	79.0	80.5	81.1	81.2	82.2	82.4	82.4	82.9	82.9	83.1	83.3
IV 900	15.1	74.2	76.3	76.6	79.3	79.6	81.1	81.8	81.8	82.8	83.1	83.1	83.6	83.6	83.8	84.0
IV 800	15.2	74.6	76.9	77.2	79.9	80.2	81.8	82.6	82.6	83.7	83.9	83.9	84.5	84.5	84.7	84.8
IV 700	15.4	75.4	77.6	77.9	80.7	81.0	82.7	83.4	83.5	84.6	84.8	84.8	85.4	85.4	85.6	85.8
IV 600	15.8	76.2	78.5	78.8	81.7	82.1	83.9	84.6	84.7	85.9	86.1	86.1	86.7	86.8	87.0	87.1
IV 500	15.9	76.6	79.1	79.5	82.6	83.1	85.1	85.8	85.9	87.2	87.5	87.5	88.5	88.5	88.7	88.9
IV 400	16.0	77.0	79.7	80.0	83.4	84.0	86.3	87.2	87.3	88.9	89.3	89.3	90.4	90.5	90.8	91.0
IV 300	16.1	77.7	80.5	80.9	84.9	85.5	88.1	89.0	89.1	91.0	91.5	91.5	93.0	93.1	93.6	93.8
IV 200	16.2	78.0	81.0	81.4	85.5	86.2	88.9	90.0	90.1	92.3	92.9	93.0	95.4	95.5	97.0	97.4
IV 100	16.2	78.1	81.1	81.6	85.7	86.5	89.2	90.3	90.5	92.8	93.5	93.6	96.5	96.9	99.2	99.9
IV 0	16.2	78.1	81.1	81.6	85.7	86.5	89.2	90.3	90.5	92.8	93.5	93.6	96.5	97.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6256

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	5.1	24.7	25.1	25.1	25.4	25.5	25.5	25.5	25.5	26.0	26.0	26.1	26.3	26.4	27.3	27.9
≥ 20000	5.5	28.1	28.5	28.5	28.8	28.9	28.9	28.9	28.9	29.4	29.4	29.5	29.7	29.8	30.8	31.3
≥ 18000	5.5	29.6	30.0	30.0	30.4	30.5	30.5	30.5	30.5	31.0	31.0	31.1	31.4	31.5	32.5	33.0
≥ 16000	5.5	30.0	30.3	30.3	30.8	30.9	30.9	30.9	30.9	31.3	31.3	31.4	31.8	31.9	32.8	33.4
≥ 14000	5.5	30.0	30.3	30.3	30.8	30.9	30.9	30.9	30.9	31.3	31.3	31.4	31.8	31.9	32.8	33.4
≥ 12000	5.7	30.2	30.5	30.5	31.0	31.1	31.1	31.1	31.1	31.5	31.5	31.7	32.0	32.1	33.0	33.6
≥ 10000	6.2	33.0	33.4	33.4	33.8	33.9	33.9	33.9	33.9	34.4	34.4	34.5	34.9	35.0	35.9	36.4
≥ 9000	6.2	33.5	33.8	33.8	34.3	34.4	34.4	34.4	34.4	34.9	34.9	35.0	35.3	35.4	36.3	36.9
≥ 8000	6.6	39.4	40.0	40.0	40.7	40.8	40.8	40.8	40.8	41.3	41.3	41.5	41.8	41.9	42.8	43.4
≥ 7000	6.7	42.5	43.2	43.2	44.0	44.1	44.1	44.1	44.1	44.6	44.6	44.8	45.1	45.2	46.1	46.7
≥ 6000	8.2	46.7	47.5	47.5	48.3	48.4	48.4	48.4	48.4	49.0	49.0	49.1	49.4	49.5	50.5	51.0
≥ 5000	8.9	58.4	59.6	59.6	60.4	60.5	60.5	60.5	60.5	61.0	61.0	61.2	61.5	61.6	62.5	63.1
≥ 4500	9.9	61.0	62.2	62.2	63.0	63.1	63.1	63.1	63.1	63.7	63.7	63.8	64.1	64.2	65.1	65.7
≥ 4000	10.6	68.7	69.9	69.9	70.8	71.0	71.0	71.0	71.0	71.5	71.5	71.6	72.0	72.1	73.0	73.6
≥ 3500	11.3	71.8	73.0	73.0	73.9	74.0	74.3	74.3	74.3	74.8	74.8	74.9	75.3	75.4	76.3	76.9
≥ 3000	11.7	74.9	77.0	77.0	78.0	78.1	78.4	78.4	78.4	78.9	78.9	79.0	79.4	79.5	80.4	81.0
≥ 2500	11.7	75.6	77.7	77.7	78.8	78.9	79.2	79.2	79.2	79.7	79.7	79.8	80.2	80.3	81.2	81.8
≥ 2000	12.1	76.9	78.9	78.9	80.2	80.3	80.5	80.5	80.5	81.1	81.1	81.2	81.5	81.7	82.6	83.1
≥ 1800	12.1	77.1	79.2	79.2	80.4	80.5	80.8	80.8	80.8	81.3	81.3	81.4	81.8	81.9	82.8	83.4
≥ 1500	12.5	77.9	80.0	80.0	81.2	81.3	81.7	81.7	81.7	82.2	82.2	82.3	82.7	82.8	83.8	84.4
≥ 1200	12.5	78.0	80.2	80.2	81.4	81.5	81.9	81.9	81.9	82.5	82.5	82.6	82.9	83.0	84.1	84.6
≥ 1000	12.5	78.2	80.8	80.8	82.0	82.1	82.5	82.5	82.5	83.0	83.0	83.1	83.5	83.6	84.6	85.2
≥ 900	12.6	78.4	80.9	80.9	82.1	82.2	82.6	82.6	82.6	83.4	83.4	83.5	83.8	83.9	85.0	85.5
≥ 800	12.6	78.4	80.9	80.9	82.1	82.2	82.6	82.6	82.6	83.4	83.4	83.5	83.9	84.1	85.1	85.6
≥ 700	12.6	78.5	81.1	81.1	82.3	82.5	82.8	82.8	82.8	83.7	83.7	83.8	84.3	84.4	85.4	86.0
≥ 600	12.6	78.5	81.1	81.1	82.3	82.5	82.8	82.8	82.8	83.7	83.7	83.8	84.3	84.4	85.4	86.0
≥ 500	12.6	78.5	81.1	81.1	82.3	82.5	82.8	82.8	82.8	83.7	83.7	83.8	84.3	84.4	85.4	86.0
≥ 400	12.9	79.9	81.5	81.7	83.4	83.6	84.5	84.6	84.7	86.4	86.4	86.6	87.2	87.4	88.7	89.4
≥ 300	13.2	79.4	82.0	82.1	83.9	84.2	85.1	85.3	85.4	87.7	87.9	88.0	89.1	89.2	90.7	91.7
≥ 200	13.4	80.1	83.0	83.1	85.8	86.0	87.0	87.5	87.7	90.1	90.4	90.7	92.4	93.2	94.6	96.4
≥ 100	13.4	80.1	83.0	83.1	85.8	86.0	87.0	87.6	87.9	90.7	91.1	91.3	93.7	94.5	96.5	99.9
≥ 0	13.4	80.1	83.0	83.1	85.8	86.0	87.0	87.6	87.9	90.7	91.1	91.3	93.7	94.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	4.5	24.3	24.6	24.6	25.4	25.6	26.1	26.3	26.3	26.9	27.0	27.0	27.0	27.5	27.5	28.3
≥ 18000	5.3	27.1	27.5	27.5	28.3	28.5	29.0	29.2	29.2	29.8	29.9	29.9	29.9	30.3	30.3	31.1
IV 16000	5.3	28.9	29.2	29.2	30.0	30.2	30.7	30.9	30.9	31.6	31.7	31.7	31.7	32.4	32.4	33.2
IV 14000	5.3	29.4	29.8	29.8	30.6	30.8	31.3	31.5	31.5	32.2	32.3	32.3	32.3	33.0	33.0	33.8
IV 12000	5.3	29.8	30.1	30.1	30.9	31.1	31.6	31.8	31.8	32.5	32.6	32.6	32.6	33.3	33.3	34.1
IV 10000	5.7	31.8	32.2	32.2	33.1	33.3	33.8	34.0	34.0	34.7	34.8	34.8	34.8	35.5	35.5	36.3
IV 9000	5.9	33.0	33.3	33.3	34.3	34.5	34.9	35.2	35.2	35.9	36.0	36.0	36.0	36.7	36.7	37.5
IV 8000	6.2	40.1	40.5	40.5	41.4	41.6	42.1	42.3	42.3	43.0	43.1	43.1	43.1	43.8	43.8	44.6
IV 7000	6.6	44.0	44.4	44.4	45.3	45.5	46.0	46.2	46.2	46.9	47.0	47.0	47.0	47.7	47.7	48.5
IV 6000	7.8	47.9	48.3	48.3	49.3	49.5	50.0	50.2	50.2	50.9	51.0	51.0	51.0	51.7	51.8	52.6
IV 5000	8.3	56.9	57.4	57.4	58.5	58.7	59.2	59.4	59.4	60.1	60.2	60.2	60.2	60.9	61.0	61.8
IV 4500	9.3	58.6	59.1	59.1	60.2	60.5	60.9	61.1	61.1	61.8	62.0	62.0	62.0	62.6	62.8	63.7
IV 4000	9.9	67.0	67.6	67.6	69.1	69.3	69.8	70.0	70.0	70.8	70.9	70.9	70.9	71.6	71.7	72.5
IV 3500	10.9	70.1	70.9	70.9	72.5	72.8	73.2	73.4	73.4	74.3	74.4	74.4	74.4	75.1	75.2	76.0
IV 3000	11.5	72.4	73.7	73.7	75.6	75.9	76.3	76.6	76.6	77.5	77.6	77.6	77.6	78.3	78.4	79.2
IV 2500	11.7	72.9	74.6	74.6	76.6	76.8	77.2	77.5	77.5	78.5	78.6	78.6	78.6	79.3	79.4	80.2
IV 2000	12.3	74.3	76.0	76.0	77.9	78.2	78.6	78.9	78.9	79.9	80.0	80.0	80.0	80.7	80.8	81.6
IV 1800	12.3	74.3	76.0	76.0	77.9	78.2	78.6	78.9	78.9	79.9	80.0	80.0	80.0	80.7	80.8	81.6
IV 1500	12.5	74.6	76.3	76.3	78.3	78.5	79.0	79.2	79.2	80.2	80.3	80.3	80.3	81.0	81.1	82.0
IV 1200	12.6	74.8	76.7	76.7	78.6	78.9	79.3	79.5	79.5	80.6	80.7	80.7	80.7	81.4	81.5	82.3
IV 1000	12.6	74.9	77.0	77.0	79.0	79.2	79.7	79.9	79.9	80.9	81.0	81.0	81.0	81.7	81.8	82.6
IV 900	12.9	75.1	77.4	77.4	79.3	79.5	80.0	80.2	80.2	81.6	81.7	81.7	81.7	82.4	82.5	83.3
IV 800	12.9	75.3	77.6	77.6	79.5	79.8	80.3	80.6	80.6	82.0	82.1	82.1	82.1	82.9	83.0	83.8
IV 700	12.9	75.3	77.6	77.6	79.5	79.8	80.3	80.6	80.6	82.1	82.2	82.2	82.2	83.0	83.1	83.9
IV 600	12.9	75.3	77.6	77.6	79.9	80.1	80.8	81.0	81.0	82.6	82.8	82.8	82.8	83.6	83.7	84.5
IV 500	12.9	75.4	77.7	77.7	80.5	80.7	81.7	82.0	82.0	84.3	84.4	84.4	84.4	85.6	85.7	86.6
IV 400	13.2	76.1	78.7	78.7	81.7	82.2	83.3	83.8	83.8	86.7	86.8	86.8	86.8	88.3	88.4	89.2
IV 300	13.3	76.2	79.0	79.1	82.4	83.1	84.4	84.9	84.9	88.3	88.6	88.6	88.6	90.5	90.6	91.8
IV 200	13.3	76.4	79.4	79.5	83.1	84.1	85.9	86.6	86.6	90.2	90.7	90.7	90.7	93.6	93.7	95.4
IV 100	13.3	76.4	79.4	79.5	83.1	84.1	86.0	86.9	87.1	90.9	91.5	91.5	91.5	94.6	94.8	97.1
IV 0	13.3	76.4	79.4	79.5	83.1	84.1	86.0	86.9	87.1	90.9	91.7	91.7	91.7	94.8	95.1	97.4

TOTAL NUMBER OF OBSERVATIONS 87

2
JULYAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17625

THULF AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-6800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	4.2	27.5	27.6	27.6	28.8	28.9	29.4	29.5	29.5	30.1	30.3	30.3	31.0	31.0	31.3	31.6
≥ 20000	5.2	30.0	30.1	30.1	31.3	31.4	31.9	32.0	32.0	32.6	32.8	32.8	33.5	33.5	33.8	34.1
≥ 18000	5.2	31.8	32.3	32.3	33.4	33.5	34.1	34.2	34.2	34.8	35.0	35.0	35.7	35.7	35.9	36.3
≥ 16000	5.2	31.8	32.3	32.3	33.4	33.5	34.1	34.2	34.2	34.8	35.0	35.0	35.7	35.7	35.9	36.3
≥ 14000	5.2	31.9	32.4	32.4	33.6	33.8	34.3	34.4	34.4	35.0	35.2	35.2	35.9	35.9	36.1	36.5
≥ 12000	5.2	32.7	33.2	33.2	34.5	34.7	35.2	35.3	35.3	35.9	36.1	36.1	36.8	36.8	37.0	37.4
≥ 10000	5.7	35.7	36.1	36.1	37.6	37.7	38.6	38.8	38.8	39.3	39.5	39.5	40.3	40.3	40.6	40.9
≥ 9000	6.0	36.7	37.2	37.2	38.6	38.8	39.7	39.8	39.8	40.3	40.6	40.6	41.4	41.4	41.6	41.9
≥ 8000	6.0	41.5	41.9	41.9	43.4	43.5	44.4	44.5	44.5	45.1	45.3	45.3	46.1	46.1	46.4	46.7
≥ 7000	6.7	46.1	46.6	46.6	48.1	48.2	49.1	49.2	49.2	49.8	50.0	50.0	50.8	50.8	51.0	51.4
≥ 6000	7.4	49.7	50.3	50.3	51.8	51.9	52.8	53.1	53.1	53.6	53.9	53.9	54.8	54.8	55.0	55.3
≥ 5000	8.4	57.3	59.2	59.2	60.8	61.0	61.9	62.3	62.3	62.8	63.1	63.1	64.0	64.0	64.2	64.5
≥ 4500	9.1	58.1	60.0	60.0	61.6	61.8	62.7	63.1	63.1	63.6	63.9	63.9	64.8	64.8	65.0	65.3
≥ 4000	9.9	66.8	69.1	69.1	70.9	71.1	72.0	72.4	72.4	73.0	73.2	73.2	74.1	74.1	74.3	74.7
≥ 3500	11.7	70.2	72.5	72.5	74.4	74.7	75.6	75.9	75.9	76.5	76.7	76.7	77.6	77.6	77.8	78.2
≥ 3000	11.5	72.5	74.9	74.9	76.8	77.0	78.0	78.3	78.3	78.9	79.1	79.1	80.0	80.0	80.2	80.6
≥ 2500	11.8	73.6	76.6	76.6	78.5	78.8	79.7	80.0	80.0	80.6	80.8	80.8	81.7	81.7	81.9	82.3
≥ 2000	12.4	75.3	78.3	78.3	80.5	80.7	81.6	81.9	81.9	82.5	82.7	82.7	83.6	83.6	83.9	84.2
≥ 1800	12.4	75.3	78.3	78.3	80.5	80.7	81.6	81.9	81.9	82.5	82.7	82.7	83.6	83.6	83.9	84.2
≥ 1500	12.4	75.6	78.6	78.6	81.1	81.4	82.3	82.6	82.6	83.2	83.4	83.4	84.3	84.3	84.5	84.9
≥ 1200	12.5	75.8	79.0	79.0	81.5	81.7	82.7	83.1	83.1	84.0	84.2	84.2	85.1	85.1	85.3	85.7
≥ 1000	12.5	75.8	79.0	79.0	81.6	81.8	83.1	83.4	83.4	84.3	84.5	84.5	85.5	85.5	85.7	86.0
≥ 900	12.5	75.8	79.0	79.0	81.6	81.8	83.1	83.4	83.4	84.4	84.7	84.7	85.6	85.6	85.8	86.1
≥ 800	12.5	75.9	79.1	79.2	81.8	82.0	83.3	83.6	83.6	84.7	84.9	84.9	85.8	85.8	86.0	86.4
≥ 700	12.6	76.3	79.4	79.5	82.3	82.5	83.8	84.1	84.1	85.1	85.3	85.3	86.3	86.3	86.5	86.8
≥ 600	12.7	76.4	79.7	79.8	82.5	82.7	84.0	84.3	84.3	85.5	85.7	85.7	86.6	86.6	86.8	87.2
≥ 500	12.8	76.9	80.2	80.3	83.2	83.4	84.9	85.5	85.5	86.8	87.0	87.2	88.1	88.2	88.5	89.0
≥ 400	12.8	76.9	80.3	80.6	84.0	84.4	86.1	86.8	86.9	88.4	88.8	88.9	89.9	90.0	90.5	90.9
≥ 300	12.8	77.0	80.8	81.0	84.5	85.0	86.8	87.6	87.7	90.1	90.6	90.7	92.3	92.5	93.8	94.2
≥ 200	12.8	77.3	81.0	81.3	85.2	85.7	88.1	89.0	89.2	92.2	92.7	93.1	95.1	95.6	96.9	98.1
≥ 100	12.8	77.3	81.0	81.3	85.2	85.8	88.4	89.3	89.5	92.5	93.1	93.4	96.0	96.5	98.1	99.4
≥ 0	12.8	77.3	81.0	81.3	85.2	85.8	88.4	89.3	89.5	92.5	93.1	93.4	96.0	96.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	6.3	26.1	26.4	26.4	27.3	27.4	27.8	27.8	27.8	28.2	28.3	28.6	29.1	29.1	29.8	29.8
≥ 20000	7.5	28.7	29.0	29.0	29.9	30.0	30.7	30.7	30.7	31.0	31.1	31.6	32.0	32.0	32.7	32.7
≥ 18000	7.5	31.1	31.4	31.4	32.4	32.5	33.3	33.3	33.3	33.6	33.7	34.2	34.6	34.6	35.3	35.3
≥ 16000	7.5	31.4	31.8	31.8	32.7	32.8	33.6	33.6	33.6	33.9	34.0	34.5	35.0	35.0	35.6	35.6
≥ 14000	7.5	31.8	32.1	32.1	33.0	33.1	33.9	33.9	33.9	34.3	34.4	34.8	35.3	35.3	36.0	36.0
≥ 12000	7.9	32.5	32.8	32.8	33.7	33.8	34.6	34.6	34.6	35.0	35.1	35.5	36.0	36.0	36.7	36.7
≥ 10000	8.6	35.0	35.3	35.3	36.4	36.5	37.4	37.4	37.6	37.9	38.0	38.5	38.9	38.9	39.6	39.6
≥ 9000	8.7	35.6	36.0	36.0	37.1	37.2	38.1	38.1	38.2	38.6	38.7	39.1	39.6	39.6	40.3	40.3
≥ 8000	9.4	42.0	42.3	42.3	43.4	43.6	44.5	44.5	44.6	45.0	45.1	45.6	46.0	46.0	46.7	46.7
≥ 7000	10.0	48.8	49.1	49.1	50.2	50.3	51.2	51.2	51.5	52.0	52.1	52.6	53.2	53.2	53.8	53.8
≥ 6000	10.9	52.0	52.4	52.4	53.5	53.6	54.5	54.5	54.8	55.3	55.4	55.9	56.4	56.4	57.1	57.1
≥ 5000	11.9	61.5	62.0	62.0	63.3	63.5	64.4	64.4	64.6	65.2	65.3	65.7	66.3	66.3	67.0	67.0
≥ 4500	12.6	62.7	63.1	63.1	64.5	64.6	65.5	65.5	65.7	66.3	66.4	66.9	67.4	67.4	68.1	68.1
≥ 4000	14.3	71.4	72.2	72.2	73.5	73.6	75.1	75.1	75.3	75.9	76.0	76.5	77.0	77.0	77.7	77.7
≥ 3500	14.8	73.4	74.2	74.2	75.6	75.7	77.1	77.1	77.4	77.9	78.1	78.5	79.1	79.1	79.8	79.8
≥ 3000	15.0	75.6	77.5	77.5	79.0	79.1	80.5	80.5	80.8	81.3	81.4	81.9	82.5	82.5	83.1	83.1
≥ 2500	15.7	76.9	79.2	79.2	80.8	80.9	82.4	82.4	82.6	83.1	83.3	83.7	84.3	84.3	85.0	85.0
≥ 2000	15.8	77.9	80.5	80.5	82.1	82.2	83.8	83.8	84.0	84.6	84.7	85.2	85.7	85.7	86.4	86.4
≥ 1800	15.8	77.9	80.5	80.5	82.1	82.2	83.8	83.8	84.0	84.6	84.7	85.2	85.7	85.7	86.4	86.4
≥ 1500	15.8	78.2	81.1	81.1	82.7	82.8	84.4	84.4	84.6	85.2	85.3	85.7	86.3	86.3	87.0	87.0
≥ 1200	15.8	78.2	81.4	81.4	83.0	83.1	84.7	84.7	85.0	85.7	85.9	86.3	86.9	86.9	87.6	87.6
≥ 1000	15.8	78.5	81.8	81.8	83.4	83.5	85.1	85.2	85.4	86.3	86.4	86.9	87.7	87.7	88.3	88.3
≥ 900	16.2	78.8	82.1	82.1	83.7	83.8	85.4	85.5	85.7	86.7	86.8	87.2	88.0	88.0	88.7	88.7
≥ 800	16.2	79.0	82.4	82.4	84.0	84.2	85.7	86.0	86.2	87.2	87.3	87.8	88.6	88.6	89.3	89.3
≥ 700	16.2	79.3	82.7	82.7	84.4	84.5	86.1	86.3	86.5	87.6	87.7	88.1	88.9	88.9	89.6	89.6
≥ 600	16.2	79.4	82.9	82.9	84.6	84.7	86.3	86.7	86.9	87.9	88.0	88.5	89.3	89.3	89.9	89.9
≥ 500	16.2	79.5	83.0	83.0	84.8	85.0	86.5	87.0	87.2	88.6	89.0	89.6	90.5	90.5	91.2	91.2
≥ 400	16.3	79.9	83.4	83.5	85.9	86.0	87.9	88.6	88.8	90.2	90.7	91.3	92.4	92.4	93.1	93.1
≥ 300	16.4	80.3	83.8	83.9	86.4	86.5	88.5	89.1	89.4	91.0	91.6	92.4	94.2	94.2	95.1	95.1
≥ 200	16.5	80.5	84.0	84.2	86.8	86.9	89.1	89.8	90.5	92.1	92.9	93.7	96.2	96.3	97.9	98.2
≥ 100	16.6	80.7	84.2	84.3	87.0	87.2	89.6	90.5	91.2	92.9	93.7	94.5	97.2	97.3	99.3	100.0
≥ 0	16.6	80.7	84.2	84.3	87.0	87.2	89.6	90.5	91.2	92.9	93.7	94.5	97.2	97.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	7.1	29.3	29.5	29.5	30.2	30.2	31.2	31.3	31.3	31.7	31.7	31.7	31.7	31.7	32.0	32.0
≥ 20000	8.2	31.8	32.0	32.0	32.9	32.9	34.1	34.2	34.2	34.5	34.6	34.6	34.6	34.6	35.0	35.0
≥ 18000	8.2	34.6	34.9	34.9	35.8	35.8	36.9	37.0	37.0	37.4	37.5	37.5	37.5	37.5	37.8	37.8
≥ 16000	8.2	34.9	35.1	35.1	36.0	36.0	37.1	37.2	37.2	37.6	37.7	37.7	37.7	37.7	38.0	38.0
≥ 14000	8.2	35.2	35.4	35.4	36.3	36.3	37.5	37.6	37.6	37.9	38.0	38.0	38.0	38.0	38.4	38.4
≥ 12000	8.5	35.5	35.8	35.8	36.7	36.7	37.8	37.9	37.9	38.3	38.4	38.4	38.4	38.4	38.7	38.7
≥ 10000	9.0	37.2	37.5	37.5	38.6	38.6	39.9	40.0	40.0	40.3	40.4	40.4	40.4	40.4	40.8	40.8
≥ 9000	9.1	37.7	37.9	37.9	39.1	39.1	40.3	40.4	40.4	40.8	40.9	40.9	40.9	40.9	41.2	41.2
≥ 8000	9.9	43.7	44.0	44.0	45.1	45.1	46.5	46.6	46.6	46.9	47.0	47.0	47.0	47.0	47.4	47.4
≥ 7000	10.7	49.4	49.7	49.7	50.8	50.8	52.2	52.3	52.3	52.6	52.7	52.7	52.7	52.7	53.1	53.1
≥ 6000	11.8	54.1	54.3	54.3	55.5	55.5	56.8	56.9	56.9	57.3	57.4	57.4	57.4	57.4	57.7	57.7
≥ 5000	12.6	62.4	62.6	62.6	63.9	63.9	65.4	65.5	65.5	65.8	65.9	65.9	65.9	65.9	66.3	66.3
≥ 4500	13.4	64.0	64.2	64.2	65.5	65.5	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.9	67.9
≥ 4000	15.0	72.1	73.0	73.0	74.4	74.4	76.1	76.2	76.2	76.5	76.7	76.7	76.7	76.7	77.0	77.0
≥ 3500	15.4	74.1	75.1	75.1	76.4	76.4	78.1	78.2	78.2	78.6	78.7	78.7	78.7	78.7	79.0	79.0
≥ 3000	15.8	78.2	79.3	79.3	80.8	80.8	82.5	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.6	83.6
≥ 2500	16.1	79.4	80.9	80.9	82.5	82.5	84.2	84.4	84.4	84.7	84.9	84.9	85.0	85.0	85.3	85.3
≥ 2000	16.3	80.9	82.3	82.3	83.9	83.9	85.6	85.9	85.9	86.2	86.3	86.3	86.4	86.4	86.8	86.8
≥ 1800	16.3	80.9	82.3	82.3	83.9	83.9	85.6	85.9	85.9	86.2	86.3	86.3	86.4	86.4	86.8	86.8
≥ 1500	16.3	81.4	82.9	82.9	84.5	84.5	86.2	86.7	86.7	87.1	87.1	87.1	87.2	87.2	87.6	87.6
≥ 1200	16.4	81.8	83.3	83.3	84.9	84.9	86.6	87.0	87.0	87.4	87.5	87.5	87.6	87.6	87.9	87.9
≥ 1000	16.4	82.2	83.7	83.7	85.3	85.3	87.4	87.8	87.8	88.5	88.6	88.6	88.7	88.7	89.1	89.1
≥ 900	16.7	82.6	84.1	84.1	85.6	85.6	87.7	88.2	88.2	88.8	89.0	89.0	89.1	89.1	89.4	89.4
≥ 800	16.7	82.6	84.1	84.2	85.8	85.8	87.8	88.3	88.3	89.2	89.3	89.3	89.4	89.4	89.7	89.7
≥ 700	16.7	82.6	84.1	84.2	85.8	85.8	87.8	88.3	88.3	89.2	89.4	89.4	89.5	89.5	89.9	89.9
≥ 600	16.7	82.6	84.1	84.2	85.8	85.8	87.8	88.5	88.5	89.4	89.6	89.6	89.7	89.7	90.1	90.1
≥ 500	17.2	83.6	85.2	85.3	87.1	87.1	89.3	90.1	90.1	91.0	91.3	91.3	91.6	91.6	91.9	91.9
≥ 400	17.2	83.8	85.4	85.5	87.6	87.6	89.7	90.8	90.9	92.1	92.6	92.6	92.8	92.8	93.2	93.2
≥ 300	17.3	84.4	86.0	86.2	88.3	88.3	90.5	91.8	91.9	93.3	93.8	93.8	94.5	94.5	95.0	95.0
≥ 200	17.3	84.9	86.6	86.8	88.8	88.8	91.3	92.9	93.1	94.9	95.8	95.9	97.6	97.6	98.3	98.3
≥ 100	17.3	84.9	86.6	86.8	89.0	89.0	91.5	93.1	93.2	95.0	95.9	96.0	98.7	98.7	99.7	99.8
≥ 0	17.3	84.9	86.6	86.8	89.0	89.0	91.5	93.1	93.2	95.0	95.9	96.0	99.0	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	6.6	28.3	28.8	28.8	29.1	29.1	29.8	30.0	30.0	30.4	30.7	30.7	30.8	30.8	31.4	31.4
≥ 20000	7.0	31.0	31.5	31.5	32.1	32.1	32.8	33.0	33.0	33.3	33.7	33.7	33.8	33.8	34.4	34.4
≥ 18000	7.0	32.5	33.1	33.1	33.7	33.7	34.4	34.6	34.6	34.9	35.3	35.3	35.4	35.4	35.9	35.9
≥ 16000	7.0	33.0	33.6	33.6	34.1	34.1	34.8	35.0	35.0	35.4	35.7	35.7	35.8	35.8	36.4	36.4
≥ 14000	7.0	33.2	33.8	33.8	34.4	34.4	35.0	35.3	35.3	35.6	35.9	35.9	36.1	36.1	36.6	36.6
≥ 12000	7.5	33.9	34.5	34.5	35.0	35.0	35.7	35.9	35.9	36.3	36.6	36.6	36.7	36.7	37.3	37.3
≥ 10000	8.4	36.5	37.3	37.4	38.0	38.0	38.7	38.9	38.9	39.2	39.6	39.6	39.7	39.7	40.2	40.2
≥ 9000	8.4	37.0	37.8	37.9	38.4	38.4	39.1	39.3	39.3	39.7	40.0	40.0	40.1	40.1	40.7	40.7
≥ 8000	8.8	43.8	44.6	44.7	45.2	45.2	45.9	46.1	46.1	46.5	46.8	46.8	46.9	46.9	47.5	47.5
≥ 7000	9.8	49.4	50.5	50.6	51.1	51.1	51.8	52.0	52.0	52.4	52.7	52.7	52.8	52.8	53.4	53.4
≥ 6000	11.9	54.6	55.7	55.8	56.3	56.3	57.0	57.3	57.3	57.6	57.9	57.9	58.0	58.0	58.6	58.6
≥ 5000	12.8	64.2	65.2	65.4	66.0	66.0	66.8	67.1	67.1	67.5	67.8	67.8	67.9	67.9	68.5	68.5
≥ 4500	13.8	66.9	67.9	68.1	68.7	68.7	69.5	69.8	69.8	70.2	70.5	70.5	70.6	70.6	71.2	71.2
≥ 4000	14.7	72.7	74.1	74.4	75.2	75.3	76.2	76.5	76.5	76.9	77.2	77.2	77.3	77.3	77.9	77.9
≥ 3500	14.7	74.0	75.5	75.7	76.5	76.6	77.6	77.9	77.9	78.2	78.6	78.6	78.7	78.7	79.3	79.3
≥ 3000	15.3	77.9	79.5	79.7	80.5	80.6	81.6	82.1	82.1	82.4	82.8	82.8	83.0	83.0	83.6	83.6
≥ 2500	15.8	79.1	81.4	81.6	82.4	82.5	83.6	84.0	84.0	84.4	84.7	84.7	84.9	84.9	85.5	85.5
≥ 2000	16.2	81.1	83.3	83.6	84.4	84.5	85.5	85.9	85.9	86.3	86.6	86.6	86.8	86.8	87.4	87.4
≥ 1800	16.2	81.2	83.4	83.7	84.5	84.6	85.6	86.1	86.1	86.4	86.7	86.7	87.0	87.0	87.5	87.5
≥ 1500	16.3	81.5	83.8	84.0	84.8	84.9	85.9	86.6	86.6	87.1	87.4	87.4	87.6	87.6	88.2	88.2
≥ 1200	16.3	81.6	84.1	84.5	85.3	85.4	86.4	87.1	87.1	87.5	87.9	87.9	88.1	88.1	88.7	88.7
≥ 1000	16.3	82.1	84.7	85.0	85.8	85.9	87.0	87.6	87.6	88.2	88.5	88.5	88.8	88.8	89.3	89.3
≥ 900	16.7	82.7	85.3	85.6	86.4	86.5	87.5	88.2	88.2	88.8	89.1	89.1	89.3	89.3	89.9	89.9
≥ 800	17.0	83.0	85.6	85.9	86.7	86.8	87.9	88.5	88.5	89.1	89.6	89.6	89.8	89.8	90.4	90.4
≥ 700	17.0	83.0	85.6	86.1	86.8	87.0	88.1	88.8	88.8	89.3	89.8	89.8	90.0	90.0	90.6	90.6
≥ 600	17.1	83.1	85.7	86.2	87.0	87.1	88.2	88.9	88.9	89.5	89.9	89.9	90.2	90.2	90.8	90.8
≥ 500	17.5	83.8	86.7	87.2	88.4	88.5	89.8	90.5	90.5	91.0	91.5	91.5	92.0	92.0	92.6	92.6
≥ 400	17.5	84.4	87.6	88.1	89.5	89.6	90.8	91.6	91.6	92.6	93.1	93.1	93.5	93.5	94.2	94.2
≥ 300	17.5	85.0	88.3	88.8	90.5	90.6	92.0	93.0	93.0	94.1	94.6	94.6	95.2	95.2	95.9	95.9
≥ 200	17.6	85.5	88.8	89.2	91.0	91.3	92.7	94.2	94.2	95.6	96.1	96.1	97.5	97.5	98.5	98.5
≥ 100	17.6	85.7	89.0	89.5	91.3	91.5	93.0	94.6	94.6	96.0	96.7	96.7	98.4	98.5	99.8	99.9
≥ 0	17.6	85.7	89.0	89.5	91.3	91.5	93.0	94.6	94.6	96.0	96.7	96.7	98.4	98.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 682

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17025

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1850-2000
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.1	27.3	27.4	27.5	28.0	28.0	28.5	28.7	28.7	29.1	29.3	29.3	29.3	29.3	29.9	30.1
≥ 20000	7.9	29.3	29.5	29.6	30.1	30.1	30.7	30.8	30.8	31.3	31.5	31.5	31.5	31.5	32.1	32.3
≥ 18000	7.9	30.8	31.0	31.1	31.6	31.6	32.5	32.6	32.6	33.0	33.3	33.3	33.3	33.3	33.8	34.1
≥ 16000	7.9	31.3	31.4	31.5	32.1	32.1	32.9	33.0	33.0	33.5	33.7	33.7	33.7	33.7	34.3	34.5
≥ 14000	8.1	31.4	31.5	31.6	32.2	32.2	33.0	33.1	33.1	33.6	33.8	33.8	33.8	33.8	34.4	34.6
≥ 12000	8.2	31.6	31.9	32.0	32.6	32.6	33.4	33.5	33.5	33.9	34.2	34.2	34.2	34.2	34.8	35.0
≥ 10000	9.0	33.8	34.1	34.2	34.8	34.8	35.6	35.7	35.7	36.1	36.4	36.4	36.4	36.4	36.9	37.2
≥ 9000	9.0	34.4	34.6	34.8	35.3	35.3	36.1	36.2	36.2	36.7	36.9	36.9	36.9	36.9	37.5	37.7
≥ 8000	10.2	41.1	41.3	41.4	42.0	42.0	42.8	42.9	42.9	43.4	43.6	43.6	43.6	43.6	44.2	44.4
≥ 7000	10.8	46.5	46.7	46.8	47.5	47.5	48.4	48.6	48.6	49.0	49.3	49.3	49.3	49.3	49.8	50.1
≥ 6000	12.7	51.6	51.8	51.9	52.6	52.6	53.5	53.6	53.6	54.1	54.3	54.3	54.3	54.3	54.9	55.1
≥ 5000	13.5	64.1	64.8	64.9	65.7	65.7	66.6	66.7	66.7	67.2	67.4	67.4	67.4	67.4	68.0	68.2
≥ 4500	14.2	65.7	66.4	66.5	67.3	67.3	68.2	68.4	68.4	68.8	69.0	69.0	69.0	69.0	69.6	69.9
≥ 4000	14.6	71.9	73.0	73.1	74.5	74.5	75.5	75.6	75.6	76.1	76.3	76.3	76.3	76.3	76.9	77.1
≥ 3500	15.4	74.8	75.8	75.9	77.4	77.4	78.6	78.7	78.7	79.2	79.4	79.4	79.4	79.4	80.0	80.2
≥ 3000	16.2	78.8	80.0	80.1	81.9	81.9	83.4	83.5	83.5	84.0	84.2	84.2	84.2	84.2	84.8	85.0
≥ 2500	16.8	79.9	81.0	81.1	83.0	83.0	84.5	84.6	84.6	85.0	85.3	85.3	85.3	85.3	85.8	86.1
≥ 2000	16.8	81.2	82.4	82.5	84.6	84.6	86.1	86.2	86.2	86.7	86.9	86.9	86.9	86.9	87.5	87.7
≥ 1800	16.9	81.4	82.5	82.6	84.8	84.8	86.3	86.4	86.4	86.9	87.1	87.1	87.1	87.1	87.7	87.9
≥ 1500	16.9	81.4	82.5	82.6	84.8	84.8	86.3	86.4	86.4	86.9	87.1	87.1	87.1	87.1	87.7	87.9
≥ 1200	16.9	81.4	82.6	82.7	84.9	84.9	86.4	86.5	86.5	87.0	87.2	87.2	87.2	87.2	87.8	88.0
≥ 1000	16.9	81.5	82.7	82.9	85.4	85.4	87.1	87.2	87.2	88.0	88.3	88.3	88.3	88.3	88.8	89.1
≥ 900	17.1	81.7	83.0	83.1	85.6	85.6	87.6	87.7	87.7	88.5	88.7	88.7	88.7	88.7	89.3	89.5
≥ 800	17.3	82.0	83.3	83.4	86.0	86.0	88.0	88.1	88.1	89.1	89.3	89.3	89.3	89.3	89.6	90.2
≥ 700	17.4	82.3	83.5	83.7	86.2	86.2	88.4	88.5	88.5	89.4	89.6	89.6	89.6	90.0	90.6	90.8
≥ 600	17.5	82.4	83.7	83.8	86.3	86.3	88.5	88.6	88.6	89.6	89.9	89.9	89.9	90.2	90.8	91.0
≥ 500	17.7	82.7	84.2	84.3	86.9	86.9	89.1	89.2	89.2	90.3	90.6	90.6	90.6	91.1	91.7	91.9
≥ 400	18.0	84.0	85.5	85.6	88.6	88.6	90.8	90.9	90.9	92.4	92.6	92.6	92.6	93.2	93.8	94.0
≥ 300	18.0	84.0	85.5	85.6	88.6	88.6	90.9	91.0	91.0	92.8	93.0	93.0	93.0	93.9	94.8	95.3
≥ 200	18.0	84.0	85.5	85.6	88.6	88.8	91.1	91.3	91.3	93.2	93.8	93.9	93.9	95.5	97.2	97.9
≥ 100	18.2	84.2	85.8	86.0	89.0	89.2	91.7	92.2	92.2	94.2	94.9	95.1	95.1	96.7	98.8	99.8
≥ 0	18.2	84.2	85.8	86.0	89.0	89.2	91.7	92.2	92.2	94.2	94.9	95.1	95.1	96.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17615

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.1	25.8	25.8	25.8	26.1	26.1	26.4	26.6	26.6	26.9	26.9	26.9	26.9	27.3	27.4	28.3
≥ 20000	7.5	27.7	27.7	27.7	28.1	28.1	28.3	28.5	28.5	28.9	28.9	28.9	28.9	29.2	29.3	30.3
≥ 18000	7.5	29.0	29.0	29.0	29.3	29.3	29.6	29.8	29.8	30.3	30.3	30.3	30.3	30.6	30.7	31.6
≥ 16000	7.5	29.5	29.5	29.5	29.8	29.8	30.0	30.3	30.3	30.7	30.7	30.7	30.7	31.1	31.2	32.1
≥ 14000	7.5	29.6	29.6	29.6	29.9	29.9	30.1	30.4	30.4	30.8	30.8	30.8	30.8	31.2	31.3	32.2
≥ 12000	8.2	30.3	30.3	30.3	30.6	30.6	30.8	31.1	31.1	31.5	31.5	31.5	31.5	31.8	32.0	32.9
≥ 10000	8.9	32.9	32.9	32.9	33.2	33.2	33.4	33.7	33.7	34.1	34.1	34.1	34.1	34.5	34.6	35.5
≥ 9000	9.1	33.7	33.7	33.7	34.0	34.0	34.2	34.5	34.5	34.9	34.9	34.9	34.9	35.3	35.4	36.3
≥ 8000	10.3	40.2	40.4	40.4	40.9	40.9	41.1	41.3	41.3	41.8	41.8	41.8	41.8	42.1	42.2	43.2
≥ 7000	11.1	44.1	44.4	44.4	45.0	45.0	45.2	45.4	45.4	46.0	46.0	46.0	46.0	46.3	46.5	47.4
≥ 6000	11.9	47.0	47.4	47.4	47.9	47.9	48.2	48.4	48.4	49.0	49.0	49.0	49.0	49.3	49.4	50.3
≥ 5000	12.9	60.6	61.3	61.3	61.9	61.9	62.1	62.3	62.3	62.9	62.9	62.9	62.9	63.2	63.4	64.3
≥ 4500	13.0	61.1	61.8	61.8	62.3	62.3	62.6	62.8	62.8	63.4	63.4	63.4	63.4	63.7	63.8	64.7
≥ 4000	13.4	69.1	70.1	70.1	70.8	70.8	71.3	71.6	71.6	72.1	72.1	72.1	72.1	72.5	72.6	73.5
≥ 3500	14.2	72.1	73.4	73.4	74.2	74.2	75.0	75.2	75.2	75.8	75.8	75.8	75.8	76.1	76.3	77.2
≥ 3000	15.0	75.7	77.3	77.3	78.4	78.4	79.2	79.5	79.5	80.0	80.0	80.0	80.0	80.4	80.5	81.4
≥ 2500	15.6	76.9	78.5	78.5	79.7	79.7	80.5	80.8	80.8	81.4	81.4	81.4	81.4	81.7	81.8	82.9
≥ 2000	16.2	78.1	79.7	79.7	80.9	80.9	81.7	82.1	82.1	82.6	82.6	82.6	82.6	83.0	83.1	84.0
≥ 1800	16.2	78.1	79.7	79.7	80.9	80.9	81.7	82.1	82.1	82.6	82.6	82.6	82.6	83.0	83.1	84.0
≥ 1500	16.2	78.3	79.9	79.9	81.4	81.4	82.2	82.5	82.5	83.1	83.1	83.1	83.1	83.4	83.6	84.5
≥ 1200	16.2	78.7	80.3	80.3	82.0	82.0	82.8	83.1	83.1	83.7	83.7	83.7	83.7	84.0	84.1	85.0
≥ 1000	16.2	78.9	80.5	80.5	82.4	82.4	83.6	83.9	83.9	84.5	84.5	84.5	84.5	84.8	84.9	85.8
≥ 900	16.2	79.0	80.6	80.6	82.6	82.6	83.8	84.1	84.1	84.7	84.7	84.7	84.7	85.0	85.2	86.1
≥ 800	16.2	79.1	80.7	80.7	82.8	82.8	83.9	84.2	84.2	84.8	84.8	84.8	84.8	85.5	85.6	86.5
≥ 700	16.2	79.2	81.3	81.3	83.3	83.3	84.5	84.8	84.8	85.4	85.4	85.4	85.4	86.1	86.2	87.1
≥ 600	16.3	79.3	81.4	81.4	83.4	83.4	84.6	84.9	84.9	85.5	85.5	85.5	85.5	86.5	86.6	87.6
≥ 500	16.8	79.8	81.8	81.8	84.0	84.0	85.3	85.6	85.6	86.2	86.2	86.2	86.2	87.7	88.0	88.9
≥ 400	17.0	80.8	82.9	82.9	85.2	85.2	86.4	86.8	86.8	87.6	87.6	87.6	87.6	89.0	89.4	90.3
≥ 300	17.0	81.4	83.7	83.7	86.0	86.0	87.2	87.6	87.6	88.6	88.6	88.6	88.6	90.8	91.4	92.6
≥ 200	17.2	81.6	84.1	84.1	86.5	86.5	87.8	88.2	88.2	89.4	89.6	89.6	89.6	92.7	93.6	95.5
≥ 100	17.2	81.6	84.2	84.2	86.6	86.6	87.9	89.0	89.0	90.4	90.6	91.2	91.2	94.2	95.1	97.7
≥ 0	17.2	81.6	84.2	84.2	86.6	86.6	87.9	89.0	89.0	90.4	90.6	91.2	91.2	94.3	95.2	98.2

TOTAL NUMBER OF OBSERVATIONS

876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	6.0	26.7	26.9	26.9	27.5	27.6	28.1	28.2	28.2	28.7	28.8	28.8	29.1	29.2	29.8	30.0
≥ 20000	6.3	29.2	29.5	29.5	30.2	30.3	30.8	30.9	30.9	31.4	31.5	31.6	31.9	31.9	32.5	32.7
≥ 18000	6.3	31.0	31.3	31.3	32.0	32.1	32.7	32.8	32.8	33.3	33.4	33.5	33.8	33.8	34.5	34.7
≥ 16000	6.8	31.3	31.6	31.7	32.4	32.4	33.0	33.1	33.1	33.6	33.7	33.8	34.1	34.2	34.8	35.0
≥ 14000	6.8	31.6	31.9	31.9	32.6	32.7	33.3	33.4	33.4	33.8	34.0	34.1	34.4	34.4	35.0	35.3
≥ 12000	7.1	32.1	32.4	32.4	33.1	33.2	33.8	33.9	33.9	34.4	34.5	34.6	34.9	34.9	35.6	35.8
≥ 10000	7.7	34.5	34.8	34.9	35.7	35.8	36.4	36.6	36.6	37.0	37.2	37.2	37.6	37.6	38.2	38.4
≥ 9000	7.8	35.2	35.5	35.6	36.4	36.5	37.1	37.3	37.3	37.7	37.9	37.9	38.3	38.3	38.9	39.1
≥ 8000	8.5	41.5	41.9	41.9	42.8	42.8	43.5	43.6	43.7	44.1	44.3	44.3	44.7	44.7	45.3	45.6
≥ 7000	9.0	46.4	46.8	46.8	47.8	47.8	48.5	48.6	48.7	49.2	49.3	49.4	49.8	49.8	50.4	50.6
≥ 6000	10.3	50.5	51.0	51.0	51.9	52.0	52.7	52.8	52.8	53.4	53.5	53.6	53.9	54.0	54.6	54.8
≥ 5000	11.2	60.7	61.5	61.6	62.6	62.6	63.4	63.5	63.6	64.1	64.2	64.3	64.7	64.7	65.3	65.5
≥ 4500	11.9	62.3	63.1	63.1	64.1	64.2	64.9	65.1	65.1	65.7	65.8	65.9	66.2	66.3	66.9	67.1
≥ 4000	12.8	70.0	71.1	71.2	72.4	72.5	73.4	73.5	73.6	74.1	74.2	74.3	74.7	74.7	75.4	75.6
≥ 3500	13.5	72.6	73.8	73.8	75.1	75.2	76.2	76.4	76.4	76.9	77.1	77.1	77.5	77.5	78.2	78.4
≥ 3000	14.0	75.8	77.4	77.4	78.9	79.0	80.0	80.2	80.2	80.8	80.9	81.0	81.4	81.4	82.0	82.3
≥ 2500	14.4	76.8	78.7	78.8	80.3	80.4	81.4	81.6	81.6	82.2	82.3	82.4	82.8	82.8	83.5	83.7
≥ 2000	14.8	78.2	80.2	80.2	81.8	81.9	82.9	83.2	83.2	83.7	83.9	84.0	84.4	84.4	85.0	85.2
≥ 1800	14.8	78.3	80.2	80.3	81.9	82.0	83.0	83.2	83.3	83.8	84.0	84.0	84.4	84.5	85.1	85.3
≥ 1500	14.9	78.6	80.6	80.7	82.4	82.5	83.5	83.8	83.8	84.4	84.5	84.6	85.0	85.0	85.7	85.9
≥ 1200	14.9	78.8	80.9	81.0	82.7	82.8	83.9	84.1	84.2	84.8	84.9	85.0	85.4	85.4	86.1	86.3
≥ 1000	14.9	79.0	81.3	81.3	83.1	83.2	84.4	84.7	84.7	85.5	85.6	85.7	86.1	86.2	86.9	87.0
≥ 900	15.1	79.3	81.5	81.6	83.4	83.5	84.7	85.0	85.0	85.9	86.0	86.1	86.5	86.5	87.2	87.4
≥ 800	15.1	79.4	81.7	81.8	83.6	83.7	85.0	85.3	85.3	86.2	86.3	86.4	86.9	87.0	87.6	87.8
≥ 700	15.2	79.5	81.9	82.0	83.8	83.9	85.2	85.5	85.5	86.5	86.6	86.7	87.3	87.3	87.9	88.2
≥ 600	15.3	79.6	82.0	82.1	84.0	84.1	85.4	85.8	85.8	86.8	87.0	87.1	87.7	87.7	88.3	88.6
≥ 500	15.5	80.0	82.5	82.6	84.7	84.8	86.3	86.7	86.7	87.9	88.2	88.3	89.1	89.2	89.8	90.1
≥ 400	15.6	80.6	83.2	83.3	85.7	85.9	87.5	88.0	88.1	89.6	89.8	89.9	90.8	90.9	91.6	91.9
≥ 300	15.7	81.0	83.6	83.8	86.3	86.5	88.2	88.8	88.9	90.7	91.1	91.2	92.6	92.7	93.7	94.1
≥ 200	15.8	81.3	84.1	84.2	87.0	87.3	89.1	89.9	90.1	92.2	92.8	93.0	95.1	95.4	96.8	97.6
≥ 100	15.8	81.4	84.2	84.3	87.1	87.4	89.4	90.4	90.6	92.8	93.4	93.7	96.2	96.5	98.4	99.6
≥ 0	15.8	81.4	84.2	84.3	87.1	87.4	89.4	90.4	90.6	92.8	93.5	93.7	96.3	96.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	9.4	26.1	26.2	26.2	27.0	27.0	27.4	27.5	27.5	27.8	27.8	27.8	27.9	28.1	28.9	29.2
≥ 20000	9.4	27.0	27.1	27.1	27.9	27.9	28.3	28.4	28.4	28.8	28.8	28.8	29.0	29.1	29.9	30.4
≥ 18000	9.4	29.1	29.2	29.2	30.0	30.0	30.4	30.5	30.5	30.8	30.8	30.8	31.0	31.2	32.0	32.5
≥ 16000	9.4	29.1	29.2	29.2	30.0	30.0	30.4	30.5	30.5	30.8	30.8	30.8	31.0	31.2	32.0	32.6
≥ 14000	9.4	29.6	29.7	29.7	30.5	30.5	30.8	30.9	30.9	31.3	31.3	31.3	31.5	31.6	32.4	33.1
≥ 12000	9.7	31.0	31.2	31.2	32.0	32.0	32.3	32.4	32.4	32.8	32.8	32.8	33.0	33.1	33.9	34.6
≥ 10000	9.9	31.7	31.8	31.8	32.6	32.6	33.0	33.1	33.1	33.4	33.4	33.4	33.7	33.8	34.6	35.3
≥ 9000	10.2	32.6	32.8	32.8	33.6	33.6	33.9	34.0	34.0	34.4	34.4	34.4	34.6	34.7	35.5	36.2
≥ 8000	10.9	37.2	37.6	37.6	38.4	38.4	38.7	38.8	38.8	39.2	39.2	39.2	39.4	39.5	40.3	41.0
≥ 7000	11.3	41.2	41.6	41.6	42.4	42.4	42.7	42.8	42.8	43.2	43.2	43.2	43.4	43.5	44.3	45.0
≥ 6000	13.7	45.4	45.7	45.7	46.6	46.6	47.0	47.2	47.3	47.7	47.8	47.8	48.0	48.1	48.9	49.6
≥ 5000	14.9	57.6	58.4	58.4	59.3	59.3	59.7	60.0	60.1	60.5	60.6	60.6	60.9	61.1	61.9	62.5
≥ 4500	15.6	58.4	59.2	59.2	60.1	60.1	60.5	60.8	60.9	61.3	61.4	61.4	61.7	61.9	62.7	63.3
≥ 4000	16.7	65.8	66.7	66.7	67.6	67.6	67.9	68.3	68.4	68.7	68.8	68.8	69.2	69.3	70.1	70.8
≥ 3500	17.2	69.2	70.9	70.9	71.8	71.8	72.2	72.5	72.6	73.0	73.1	73.1	73.4	73.5	74.3	75.0
≥ 3000	17.2	72.4	74.6	74.7	75.7	75.7	76.1	76.4	76.5	76.9	77.0	77.0	77.3	77.4	78.2	78.9
≥ 2500	17.2	73.2	75.5	75.6	76.7	76.7	77.1	77.4	77.5	78.1	78.2	78.2	78.6	78.7	79.5	80.2
≥ 2000	17.6	75.6	78.1	78.2	79.8	79.8	80.2	80.5	80.6	81.2	81.3	81.3	81.7	81.8	82.6	83.3
≥ 1800	17.6	75.6	78.1	78.2	79.8	79.8	80.2	80.5	80.6	81.2	81.3	81.3	81.7	81.8	82.6	83.3
≥ 1500	17.6	76.7	79.8	80.0	81.7	81.7	82.0	82.4	82.5	83.0	83.2	83.2	83.5	83.6	84.4	85.1
≥ 1200	17.6	77.4	80.5	80.6	82.4	82.4	82.7	83.0	83.2	83.7	83.8	83.8	84.2	84.3	85.1	85.8
≥ 1000	17.6	77.5	80.8	80.9	82.6	82.6	82.9	83.5	83.6	84.4	84.5	84.5	84.9	85.0	85.8	86.5
≥ 900	17.8	77.7	80.9	81.0	82.7	82.7	83.0	83.6	83.7	84.5	84.7	84.7	85.0	85.1	85.9	86.6
≥ 800	18.0	78.0	81.2	81.3	83.0	83.0	83.4	84.0	84.1	84.9	85.0	85.0	85.5	85.6	86.4	87.1
≥ 700	18.0	78.1	81.3	81.4	83.2	83.2	83.5	84.1	84.2	85.0	85.1	85.1	85.6	85.7	86.5	87.2
≥ 600	18.6	78.9	82.1	82.2	84.0	84.0	84.5	85.1	85.2	86.1	86.3	86.3	86.8	86.9	87.7	88.4
≥ 500	18.6	79.4	82.7	82.8	85.0	85.0	85.9	86.5	86.6	87.5	87.6	87.6	88.5	88.7	90.0	90.7
≥ 400	18.6	79.4	83.0	83.2	85.7	85.7	86.6	87.2	87.3	88.2	88.3	88.3	89.2	89.3	90.7	91.4
≥ 300	18.6	79.4	83.2	83.3	86.1	86.1	87.1	87.6	87.7	89.0	89.1	89.1	90.0	90.3	92.6	93.6
≥ 200	18.6	79.4	83.2	83.3	86.1	86.3	87.3	87.9	88.0	89.3	89.5	89.5	90.6	91.2	94.7	96.1
≥ 100	18.6	79.4	83.2	83.3	86.1	86.3	87.3	87.9	88.0	89.3	89.5	89.6	91.1	91.6	96.3	99.5
≥ 0	18.6	79.4	83.2	83.3	86.1	86.3	87.3	87.9	88.0	89.3	89.5	89.6	91.1	91.6	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	9.6	26.8	27.0	27.0	27.5	27.6	27.8	27.8	27.8	28.2	28.2	28.3	28.9	29.2	29.7	30.0
≥ 20000	10.0	28.0	28.2	28.2	28.7	28.8	29.0	29.0	29.0	29.5	29.5	29.6	30.2	30.4	31.0	31.3
≥ 18000	10.0	29.5	29.7	29.7	30.3	30.4	30.7	30.7	30.7	31.1	31.1	31.3	31.9	32.1	32.7	32.9
≥ 16000	10.0	29.6	29.9	29.9	30.4	30.6	30.8	30.8	30.8	31.3	31.3	31.4	32.0	32.2	32.8	33.0
≥ 14000	10.2	30.3	30.6	30.6	31.1	31.3	31.5	31.5	31.5	32.0	32.0	32.1	32.7	32.9	33.5	33.7
≥ 12000	11.0	31.6	31.9	31.9	32.4	32.6	32.8	32.8	32.8	33.4	33.4	33.5	34.1	34.3	34.9	35.1
≥ 10000	11.4	33.5	33.7	33.7	34.3	34.4	34.7	34.7	34.7	35.2	35.2	35.4	35.9	36.2	36.9	37.1
≥ 9000	11.4	34.5	34.8	34.8	35.4	35.5	35.7	35.7	35.7	36.3	36.3	36.5	37.2	37.5	38.3	38.5
≥ 8000	12.2	37.9	38.2	38.2	38.9	39.0	39.2	39.2	39.2	39.8	39.8	40.0	40.9	41.1	41.9	42.2
≥ 7000	12.4	41.2	41.7	41.7	42.6	42.7	43.0	43.0	43.0	43.6	43.6	43.8	44.6	44.6	45.7	45.9
≥ 6000	13.7	45.2	46.1	46.1	47.3	47.4	47.7	47.7	47.7	48.2	48.2	48.5	49.3	49.5	50.4	50.6
≥ 5000	14.5	56.0	57.0	57.0	58.2	58.3	58.5	58.5	58.5	59.1	59.1	59.4	60.2	60.4	61.2	61.5
≥ 4500	14.5	56.3	57.6	57.6	58.8	58.9	59.1	59.1	59.1	59.7	59.7	60.0	60.8	61.0	61.8	62.1
≥ 4000	15.3	63.2	64.5	64.5	66.1	66.2	66.4	66.4	66.4	67.0	67.0	67.2	68.0	68.3	69.1	69.3
≥ 3500	16.3	67.1	68.6	68.6	70.1	70.3	70.5	70.5	70.5	71.1	71.1	71.3	72.1	72.4	73.2	73.4
≥ 3000	17.0	72.4	74.2	74.2	75.8	75.9	76.2	76.2	76.2	76.8	76.9	77.2	78.0	78.2	79.2	79.4
≥ 2500	17.1	73.8	75.8	75.8	77.5	77.6	78.0	78.0	78.0	78.6	78.7	78.9	79.7	80.0	80.9	81.1
≥ 2000	17.8	76.1	78.3	78.3	80.2	80.3	80.7	80.8	80.8	81.5	81.6	81.9	82.7	82.9	83.8	84.1
≥ 1800	17.8	76.1	78.3	78.3	80.2	80.3	80.7	80.8	80.8	81.5	81.6	81.9	82.7	82.9	83.8	84.1
≥ 1500	17.9	76.6	79.4	79.4	81.3	81.4	81.7	81.9	81.9	82.6	82.7	82.9	83.7	84.0	84.9	85.1
≥ 1200	17.9	77.2	80.1	80.1	82.0	82.1	82.4	82.6	82.6	83.3	83.4	83.6	84.4	84.7	85.6	85.8
≥ 1000	17.9	77.4	80.4	80.4	82.3	82.4	82.8	82.9	82.9	83.6	83.7	84.0	84.8	85.0	85.9	86.2
≥ 900	17.9	77.6	80.9	80.9	82.8	83.0	83.4	83.5	83.5	84.2	84.3	84.5	85.4	85.6	86.5	86.8
≥ 800	17.9	77.6	80.9	80.9	82.8	83.0	83.4	83.5	83.5	84.2	84.3	84.5	85.4	85.6	86.5	86.8
≥ 700	17.9	77.8	81.1	81.1	83.0	83.3	83.6	83.7	83.7	84.4	84.5	84.8	85.6	85.8	86.8	87.0
≥ 600	18.4	78.5	81.9	81.9	83.7	84.0	84.5	84.7	84.7	85.7	85.8	86.1	86.9	87.1	88.1	88.3
≥ 500	18.4	78.7	82.1	82.1	84.2	84.4	85.4	85.5	85.5	86.5	86.7	86.9	88.2	88.4	89.3	89.6
≥ 400	18.4	78.9	82.3	82.3	84.8	85.0	86.1	86.2	86.2	87.2	87.4	87.6	88.9	89.1	90.0	90.3
≥ 300	18.4	79.0	82.8	82.8	85.2	85.5	86.5	86.7	86.7	88.2	88.3	88.6	90.3	90.7	92.6	93.6
≥ 200	18.4	79.0	82.9	82.9	85.4	85.6	86.8	86.9	87.0	88.6	88.8	89.1	91.1	91.8	94.0	95.4
≥ 100	18.4	79.0	82.9	82.9	85.4	85.6	86.8	87.0	87.1	88.8	89.0	89.3	91.5	92.2	95.0	99.6
≥ 0	18.4	79.0	82.9	82.9	85.4	85.6	86.8	87.0	87.1	88.8	89.1	89.5	91.6	92.3	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 854

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	9.7	27.9	29.8	28.8	29.1	29.1	29.2	29.7	29.7	30.0	30.0	30.0	30.4	30.4	30.9	31.0
≥ 20000	9.8	28.8	29.6	29.6	29.9	29.9	30.0	30.5	30.5	30.8	30.8	30.9	31.2	31.2	31.8	32.0
≥ 18000	9.8	29.9	30.7	30.7	31.1	31.1	31.2	31.6	31.6	32.0	32.0	32.0	32.3	32.3	32.9	33.0
≥ 16000	9.8	29.9	30.7	30.7	31.1	31.1	31.2	31.6	31.6	32.0	32.0	32.0	32.3	32.3	32.9	33.0
≥ 14000	10.0	30.3	31.1	31.1	31.4	31.4	31.5	32.0	32.0	32.3	32.3	32.3	32.7	32.7	33.3	33.4
≥ 12000	10.7	30.9	31.8	31.8	32.1	32.1	32.2	32.7	32.7	33.0	33.0	33.0	33.4	33.4	33.9	34.0
≥ 10000	11.0	32.4	33.3	33.3	33.7	33.7	33.8	34.3	34.3	34.6	34.6	34.6	35.1	35.1	35.7	35.8
≥ 9500	11.0	33.0	33.8	33.8	34.3	34.3	34.4	34.9	34.9	35.2	35.2	35.2	35.7	35.7	36.3	36.4
≥ 8000	11.8	38.5	39.4	39.4	40.0	40.0	40.1	40.5	40.5	40.9	40.9	40.9	41.3	41.3	41.9	42.0
≥ 7000	11.9	42.6	43.5	43.5	44.1	44.1	44.2	44.7	44.7	45.2	45.2	45.2	45.6	45.6	46.2	46.3
≥ 6000	13.9	48.5	49.8	49.8	50.5	50.5	50.6	51.2	51.2	51.6	51.6	51.6	52.1	52.1	52.7	52.8
≥ 5000	15.1	57.9	59.2	59.2	59.9	59.9	60.0	60.6	60.6	61.1	61.1	61.1	61.5	61.5	62.1	62.2
≥ 4500	15.5	58.9	60.4	60.4	61.2	61.2	61.4	62.0	62.0	62.5	62.5	62.5	62.9	62.9	63.5	63.6
≥ 4000	16.3	66.3	67.8	67.8	68.8	68.9	69.2	69.7	69.7	70.2	70.2	70.2	70.7	70.7	71.2	71.3
≥ 3500	17.3	69.7	71.2	71.2	72.5	72.6	72.9	73.4	73.4	73.9	73.9	73.9	74.4	74.4	74.9	75.0
≥ 3000	17.9	75.3	77.1	77.1	78.6	78.8	79.0	79.6	79.6	80.3	80.3	80.3	80.7	80.7	81.3	81.4
≥ 2500	17.9	76.6	78.4	78.4	80.0	80.1	80.4	80.9	80.9	81.6	81.6	81.6	82.1	82.1	82.7	83.0
≥ 2000	17.9	79.0	81.1	81.1	82.7	82.8	83.0	83.6	83.6	84.3	84.3	84.3	84.8	84.8	85.5	85.6
≥ 1800	17.7	79.0	81.1	81.1	82.7	82.8	83.0	83.6	83.6	84.3	84.3	84.3	84.8	84.8	85.5	85.6
≥ 1500	18.2	80.2	82.6	82.6	84.2	84.3	84.5	85.1	85.1	85.8	85.8	85.8	86.3	86.3	87.0	87.1
≥ 1200	18.4	80.6	83.1	83.1	84.8	84.9	85.1	85.7	85.7	86.4	86.4	86.4	86.8	86.8	87.5	87.6
≥ 1000	18.4	80.8	83.4	83.4	85.0	85.1	85.3	85.9	85.9	86.6	86.6	86.6	87.1	87.1	87.8	88.0
≥ 900	18.4	80.8	83.4	83.4	85.0	85.1	85.3	85.9	85.9	86.6	86.6	86.6	87.1	87.1	87.8	88.0
≥ 800	18.4	80.8	83.5	83.5	85.1	85.2	85.5	86.0	86.0	86.8	86.8	86.8	87.3	87.3	88.0	88.1
≥ 700	18.6	81.2	83.9	83.9	85.6	85.7	85.9	86.5	86.5	87.3	87.3	87.3	87.8	87.8	88.5	89.0
≥ 600	18.7	81.3	84.2	84.2	85.8	85.9	86.1	86.7	86.7	87.5	87.5	87.5	88.0	88.0	88.7	89.0
≥ 500	18.7	81.6	84.9	84.9	86.6	86.7	87.1	87.6	87.9	88.7	88.9	88.9	89.7	89.7	90.4	91.0
≥ 400	18.7	81.8	85.2	85.2	87.0	87.1	87.4	88.0	88.2	89.0	89.3	89.3	90.2	90.2	90.9	91.0
≥ 300	18.7	82.0	85.7	85.7	87.4	87.5	88.0	88.7	88.9	90.0	90.2	90.5	92.1	92.1	93.3	94.0
≥ 200	18.7	82.1	85.8	85.8	87.5	87.6	88.2	88.9	89.1	90.2	90.6	91.0	92.7	93.0	95.0	96.0
≥ 100	18.7	82.1	85.8	85.8	87.6	87.8	88.3	89.0	89.3	90.3	90.8	91.1	92.8	93.1	95.6	99.0
≥ 0	18.7	82.1	85.8	85.8	87.6	87.8	88.3	89.0	89.3	90.3	90.8	91.1	93.0	93.2	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 961

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

17405

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.3	37.2	37.4	30.4	30.5	30.5	30.7	30.8	30.8	31.4	31.5	31.5	31.6	31.6	31.6	31.8
≥ 20000	10.3	31.5	31.7	31.7	31.8	31.8	31.9	32.1	32.1	32.6	32.8	32.8	32.9	32.9	32.9	33.1
≥ 18000	10.5	32.6	32.9	32.9	33.0	33.0	33.1	33.2	33.2	33.8	33.9	33.9	34.0	34.0	34.0	34.3
≥ 16000	10.5	32.6	32.9	32.9	33.0	33.0	33.1	33.2	33.2	33.8	33.9	33.9	34.0	34.0	34.0	34.3
≥ 14000	10.6	32.9	33.1	33.1	33.2	33.2	33.3	33.4	33.4	34.0	34.1	34.1	34.3	34.3	34.3	34.5
≥ 12000	11.0	33.3	33.6	33.6	33.7	33.7	33.8	33.9	33.9	34.5	34.6	34.6	34.8	34.8	34.8	35.1
≥ 10000	11.1	34.7	35.0	35.0	35.1	35.1	35.2	35.3	35.3	35.9	36.0	36.0	36.2	36.2	36.2	36.5
≥ 9000	11.1	35.9	36.1	36.1	36.2	36.2	36.4	36.5	36.5	37.0	37.2	37.2	37.4	37.4	37.4	37.6
≥ 8000	12.3	40.9	41.1	41.2	41.5	41.5	41.6	41.7	41.7	42.3	42.4	42.4	42.7	42.7	42.7	43.7
≥ 7000	12.3	46.0	46.3	46.5	46.7	46.7	46.8	47.0	47.0	47.7	47.9	47.9	48.2	48.2	48.3	48.5
≥ 6000	13.4	49.7	50.2	50.3	50.5	50.5	50.6	51.1	51.1	51.8	51.9	51.9	52.3	52.3	52.4	52.6
≥ 5000	15.3	59.8	60.4	60.5	60.7	60.7	60.9	61.3	61.3	62.0	62.1	62.1	62.5	62.5	62.6	62.8
≥ 4500	15.6	61.2	61.8	61.9	62.3	62.3	62.4	62.8	62.8	63.5	63.6	63.6	64.0	64.0	64.1	64.3
≥ 4000	17.3	68.9	69.7	69.9	70.4	70.4	70.5	71.2	71.2	71.9	72.0	72.0	72.4	72.4	72.5	72.7
≥ 3500	17.7	73.2	74.0	74.2	74.7	74.7	74.8	75.5	75.5	76.2	76.3	76.3	76.7	76.7	76.8	77.0
≥ 3000	17.9	77.7	78.9	79.1	79.8	79.8	79.9	80.6	80.6	81.5	81.6	81.6	82.0	82.0	82.1	82.3
≥ 2500	18.4	79.3	80.6	80.8	81.5	81.6	81.9	82.6	82.6	83.5	83.6	83.6	84.0	84.0	84.1	84.3
≥ 2000	18.5	81.3	82.7	82.9	83.7	83.9	84.1	84.8	84.8	85.7	85.8	85.8	86.2	86.2	86.3	86.5
≥ 1800	18.6	82.0	83.4	83.6	84.4	84.6	84.8	85.5	85.5	86.4	86.5	86.5	86.9	86.9	87.0	87.2
≥ 1500	18.9	82.8	84.2	84.4	85.2	85.4	85.6	86.3	86.3	87.2	87.3	87.3	87.7	87.7	87.8	88.0
≥ 1200	18.9	82.9	84.3	84.6	85.4	85.5	85.7	86.4	86.4	87.3	87.5	87.5	87.8	87.8	87.9	88.2
≥ 1000	18.9	83.0	84.7	84.9	85.7	85.8	86.2	86.9	86.9	87.8	87.9	87.9	88.3	88.3	88.4	88.6
≥ 900	19.1	83.3	85.0	85.2	86.1	86.2	86.5	87.2	87.2	88.2	88.3	88.3	88.6	88.6	88.7	89.0
≥ 800	19.0	83.4	85.5	85.7	86.5	86.6	87.3	88.0	88.0	89.0	89.1	89.1	89.4	89.4	89.5	89.8
≥ 700	19.3	83.7	85.8	86.1	86.9	87.0	87.7	88.4	88.4	89.3	89.4	89.4	89.8	89.8	89.9	90.1
≥ 600	19.3	83.7	86.1	86.3	87.1	87.2	88.0	88.9	88.9	89.8	89.9	89.9	90.2	90.2	90.4	90.6
≥ 500	19.3	84.1	86.6	86.9	87.7	87.8	89.0	90.0	90.1	91.2	91.3	91.3	91.8	91.8	91.9	92.1
≥ 400	19.3	84.4	87.1	87.3	88.2	88.3	89.4	90.5	90.6	91.8	91.9	91.9	92.7	92.7	92.9	93.1
≥ 300	19.3	84.8	87.5	87.7	88.6	88.7	90.2	91.4	91.6	93.0	93.1	93.3	94.3	94.4	95.5	95.7
≥ 200	19.3	84.8	87.6	87.8	88.7	88.9	90.6	92.1	92.5	93.8	94.3	94.4	95.9	96.1	97.9	98.3
≥ 100	19.3	84.9	87.7	87.9	89.0	89.1	90.8	92.3	92.7	94.2	94.7	94.8	96.3	96.5	98.8	100.0
≥ 0	19.3	84.9	87.7	87.9	89.0	89.1	90.8	92.3	92.7	94.2	94.7	94.8	96.3	96.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

AUT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	9.7	27.3	27.3	27.3	27.6	27.6	28.0	28.0	28.0	28.2	28.4	28.6	28.7	28.7	28.9	29.0
≥ 20000	9.9	30.0	30.0	30.0	30.3	30.3	30.7	30.7	30.7	30.9	31.1	31.2	31.4	31.4	31.6	31.7
≥ 18000	9.9	30.7	30.7	30.7	31.0	31.0	31.4	31.4	31.4	31.6	31.8	31.9	32.1	32.1	32.3	32.4
≥ 16000	9.9	30.7	30.7	30.7	31.0	31.0	31.4	31.4	31.4	31.6	31.8	31.9	32.1	32.1	32.3	32.4
≥ 14000	9.9	30.8	30.8	30.8	31.1	31.1	31.5	31.5	31.5	31.7	31.9	32.1	32.2	32.2	32.4	32.5
≥ 12000	10.6	31.6	31.6	31.6	31.9	31.9	32.3	32.3	32.3	32.5	32.8	32.9	33.0	33.0	33.2	33.6
≥ 10000	11.1	32.8	32.8	32.8	33.1	33.1	33.4	33.4	33.4	33.7	33.9	34.0	34.1	34.1	34.4	34.7
≥ 9500	11.4	34.7	34.7	34.7	35.1	35.1	35.4	35.4	35.4	35.7	35.9	36.0	36.1	36.1	36.4	36.7
≥ 8000	11.4	39.4	39.4	39.4	39.7	39.7	40.1	40.1	40.1	40.3	40.7	40.8	40.9	40.9	41.1	41.5
≥ 7000	12.2	44.4	44.4	44.4	44.8	44.8	45.1	45.1	45.1	45.5	45.9	46.0	46.2	46.2	46.4	46.7
≥ 6000	13.9	49.8	49.9	49.9	50.2	50.2	50.6	50.6	50.6	50.9	51.4	51.5	51.6	51.6	51.9	52.0
≥ 5000	16.1	61.8	62.0	62.0	62.5	62.5	62.8	62.8	62.8	63.2	63.6	63.8	63.9	63.9	64.1	64.5
≥ 4500	16.3	62.7	63.1	63.1	63.5	63.5	63.9	63.9	63.9	64.2	64.7	64.8	64.9	64.9	65.2	65.5
≥ 4000	17.6	69.9	70.6	70.6	71.1	71.1	71.4	71.4	71.4	71.8	72.3	72.4	72.6	72.6	72.8	73.2
≥ 3500	18.2	73.9	74.6	74.6	75.1	75.1	75.4	75.4	75.4	75.8	76.2	76.3	76.6	76.6	76.8	77.2
≥ 3000	18.4	78.7	80.0	80.0	81.0	81.0	81.6	81.6	81.6	81.9	82.4	82.5	82.8	82.8	83.0	83.3
≥ 2500	19.0	81.7	83.0	83.0	84.1	84.4	85.0	85.0	85.0	85.3	85.8	85.9	86.1	86.1	86.4	86.7
≥ 2000	19.0	83.4	84.8	84.8	86.1	86.5	87.1	87.1	87.1	87.4	87.9	88.0	88.2	88.2	88.5	88.8
≥ 1800	19.0	83.4	84.8	84.8	86.1	86.5	87.1	87.1	87.1	87.4	87.9	88.0	88.2	88.2	88.5	88.8
≥ 1500	19.0	84.0	85.5	85.5	87.1	87.4	88.1	88.1	88.1	88.5	88.9	89.0	89.5	89.5	89.7	90.1
≥ 1200	19.0	84.1	85.9	85.9	87.4	87.8	88.5	88.5	88.5	88.8	89.3	89.4	89.9	89.9	90.1	90.4
≥ 1000	19.2	84.7	86.9	86.9	88.5	88.8	89.5	89.5	89.5	89.9	90.4	90.6	91.0	91.0	91.3	91.6
≥ 900	19.2	84.7	86.9	86.9	88.5	88.8	89.5	89.5	89.5	89.9	90.4	90.6	91.0	91.0	91.3	91.6
≥ 800	19.2	84.8	87.3	87.3	88.8	89.2	90.0	90.0	90.0	90.3	90.9	91.0	91.5	91.5	91.7	92.1
≥ 700	19.2	85.0	87.4	87.4	88.9	89.3	90.1	90.1	90.1	90.4	91.0	91.1	91.6	91.6	91.9	92.2
≥ 600	19.2	85.0	87.5	87.5	89.0	89.4	90.2	90.2	90.2	90.6	91.1	91.3	91.7	91.7	92.0	92.3
≥ 500	19.2	85.4	88.1	88.1	90.0	90.3	91.4	91.4	91.4	91.7	92.5	92.7	93.2	93.2	93.5	93.8
≥ 400	19.2	85.5	88.2	88.2	90.2	90.6	91.6	91.6	91.6	91.7	92.5	93.4	93.5	94.2	94.2	94.9
≥ 300	19.2	85.7	88.7	88.8	91.0	91.4	92.5	92.8	93.2	94.4	95.5	95.6	96.4	96.4	97.1	97.4
≥ 200	19.2	85.7	88.7	88.8	91.0	91.5	92.9	93.1	93.6	95.2	96.4	96.5	98.1	98.3	99.1	99.4
≥ 100	19.2	85.7	88.7	88.8	91.0	91.5	92.9	93.1	93.6	95.2	96.4	96.5	98.1	98.4	99.3	99.9
≥ 0	19.2	85.7	88.7	88.8	91.0	91.5	92.9	93.1	93.6	95.2	96.4	96.5	98.1	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 654

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING	8.7	28.6	28.9	28.9	29.2	29.5	29.8	29.9	29.9	30.0	30.0	30.0	30.4	30.4	30.4	30.4
≥ 20000	8.8	30.6	30.8	30.8	31.2	31.4	31.8	31.9	31.9	32.0	32.0	32.0	32.4	32.4	32.4	32.4
≥ 18000	8.9	32.7	32.9	32.9	33.3	33.5	33.9	34.0	34.0	34.1	34.1	34.1	34.5	34.5	34.5	34.5
≥ 16000	8.9	32.7	32.9	32.9	33.3	33.5	33.9	34.0	34.0	34.1	34.1	34.1	34.5	34.5	34.5	34.5
≥ 14000	8.8	33.4	33.6	33.6	34.0	34.2	34.6	34.7	34.7	34.8	34.8	34.8	35.2	35.2	35.2	35.2
≥ 12000	9.5	34.5	34.7	34.7	35.0	35.3	35.6	35.7	35.7	35.9	35.9	35.9	36.2	36.2	36.2	36.2
≥ 10000	10.0	35.6	35.9	35.9	36.2	36.4	36.8	36.9	36.9	37.0	37.0	37.0	37.4	37.4	37.4	37.4
≥ 9000	10.6	37.0	37.3	37.3	37.6	37.8	38.2	38.3	38.3	38.4	38.4	38.4	38.8	38.8	38.8	38.8
≥ 8000	10.9	40.9	41.1	41.1	41.6	41.8	42.1	42.3	42.3	42.4	42.4	42.4	42.7	42.7	42.7	42.7
≥ 7000	11.6	45.5	45.8	45.8	46.2	46.4	46.8	46.9	46.9	47.1	47.1	47.1	47.5	47.5	47.5	47.5
≥ 6000	12.9	49.6	49.9	49.9	50.4	50.6	51.0	51.1	51.1	51.3	51.3	51.3	51.7	51.7	51.7	51.7
≥ 5000	14.1	59.5	59.8	59.8	60.3	60.5	60.9	61.0	61.0	61.2	61.2	61.2	61.6	61.6	61.6	61.6
≥ 4500	14.6	61.1	61.5	61.5	61.9	62.2	62.5	62.6	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.2
≥ 4000	15.7	67.3	67.8	67.8	68.2	68.5	68.9	69.2	69.2	69.4	69.4	69.4	69.7	69.7	69.7	69.7
≥ 3500	16.3	72.4	73.1	73.1	73.6	73.8	74.3	74.5	74.5	74.7	74.7	74.7	75.1	75.1	75.1	75.1
≥ 3000	17.1	78.2	79.3	79.3	80.0	80.2	80.7	80.9	80.9	81.1	81.1	81.1	81.5	81.5	81.5	81.5
≥ 2500	17.7	80.9	82.2	82.2	82.9	83.1	83.6	83.8	83.8	84.1	84.1	84.1	84.4	84.4	84.4	84.4
≥ 2000	17.9	82.9	84.4	84.4	85.2	85.4	86.0	86.3	86.3	86.5	86.5	86.5	86.8	86.8	86.8	86.8
≥ 1800	17.9	82.9	84.4	84.4	85.2	85.4	86.1	86.4	86.4	86.6	86.6	86.6	87.0	87.0	87.0	87.0
≥ 1500	18.0	83.8	85.7	85.7	86.5	86.7	87.4	87.7	87.7	87.9	88.0	88.1	88.6	88.6	88.6	88.6
≥ 1200	18.1	83.8	85.8	85.8	86.6	86.8	87.5	87.8	87.8	88.0	88.1	88.2	88.7	88.7	88.7	88.7
≥ 1000	18.0	84.2	86.5	86.5	87.8	88.1	88.8	89.2	89.2	89.8	89.9	90.0	90.5	90.5	90.5	90.5
≥ 900	18.0	84.3	86.6	86.6	87.9	88.2	88.9	89.4	89.4	90.0	90.1	90.2	90.7	90.7	90.7	90.7
≥ 800	18.0	84.5	86.8	86.8	88.4	88.7	89.4	89.9	89.9	90.5	90.6	90.7	91.3	91.3	91.3	91.3
≥ 700	18.3	84.7	87.1	87.1	88.6	88.9	89.6	90.1	90.1	90.7	90.8	90.9	91.5	91.5	91.5	91.5
≥ 600	18.3	84.7	87.3	87.3	88.8	89.2	90.0	90.5	90.5	91.0	91.2	91.3	91.9	91.9	91.9	91.9
≥ 500	18.5	85.0	87.9	87.9	89.8	90.1	91.0	91.5	91.5	92.1	92.5	92.7	93.2	93.2	93.2	93.2
≥ 400	18.6	85.2	88.1	88.1	90.0	90.3	91.3	91.7	91.7	92.5	93.1	93.2	94.2	94.2	94.2	94.2
≥ 300	18.6	85.7	88.8	88.8	91.4	91.7	92.9	93.4	93.4	94.2	95.3	95.5	96.7	96.7	96.9	96.9
≥ 200	18.6	85.7	88.8	88.8	91.4	91.7	93.0	93.7	93.7	95.0	96.3	96.4	98.4	98.4	98.8	98.8
≥ 100	18.6	85.7	88.8	88.8	91.4	91.7	93.0	93.7	93.7	95.0	96.4	96.5	98.5	98.5	99.3	99.7
≥ 0	18.6	85.7	88.8	88.8	91.4	91.7	93.0	93.7	93.7	95.0	96.4	96.5	98.6	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	9.0	27.9	29.2	28.2	28.2	28.2	29.0	29.1	29.1	29.3	29.3	29.3	29.5	29.5	29.5	29.5
≥ 20000	9.0	29.4	29.8	29.8	30.0	30.0	30.8	30.9	30.9	31.2	31.2	31.2	31.4	31.4	31.4	31.4
≥ 18000	9.0	31.5	31.9	31.9	32.1	32.1	32.9	33.0	33.0	33.3	33.3	33.3	33.5	33.5	33.5	33.5
≥ 16000	9.0	31.5	31.9	31.9	32.1	32.1	32.9	33.0	33.0	33.3	33.3	33.3	33.5	33.5	33.5	33.5
≥ 14000	9.0	31.9	32.3	32.3	32.6	32.6	33.4	33.5	33.5	33.7	33.7	33.7	34.0	34.0	34.0	34.0
≥ 12000	9.0	32.3	32.8	32.8	33.0	33.0	33.8	34.0	34.0	34.2	34.2	34.2	34.4	34.4	34.4	34.4
≥ 10000	9.0	33.7	34.2	34.2	34.4	34.4	35.2	35.3	35.3	35.6	35.6	35.6	35.8	35.8	35.8	35.8
≥ 9000	10.4	35.2	35.7	35.7	35.9	35.9	36.7	36.8	36.8	37.1	37.1	37.1	37.3	37.3	37.3	37.3
≥ 8000	11.1	40.0	40.4	40.4	40.7	40.7	41.5	41.6	41.6	41.8	41.8	41.8	42.1	42.1	42.1	42.1
≥ 7000	12.3	45.7	46.1	46.1	46.3	46.3	47.2	47.3	47.3	47.5	47.5	47.5	47.7	47.7	47.7	47.7
≥ 6000	13.7	49.6	50.2	50.2	50.5	50.5	51.3	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.0	52.0
≥ 5000	14.5	60.0	60.6	60.6	61.0	61.0	61.8	62.1	62.1	62.3	62.3	62.3	62.6	62.6	62.6	62.6
≥ 4500	15.1	61.4	62.0	62.0	62.3	62.3	63.2	63.5	63.5	63.7	63.7	63.7	64.0	64.0	64.0	64.0
≥ 4000	16.2	69.1	69.8	69.8	70.1	70.1	70.9	71.3	71.3	71.5	71.5	71.5	71.7	71.7	71.7	71.7
≥ 3500	17.3	73.2	74.2	74.2	74.6	74.6	75.4	75.6	75.6	76.1	76.1	76.1	76.5	76.5	76.5	76.5
≥ 3000	17.4	77.5	79.4	79.4	80.1	80.1	80.9	81.2	81.2	81.6	81.6	81.6	81.9	81.9	81.9	81.9
≥ 2500	18.3	80.8	82.7	82.7	83.8	83.9	84.8	85.2	85.2	85.5	85.5	85.5	85.9	85.9	85.9	85.9
≥ 2000	18.7	82.5	84.5	84.5	85.7	85.9	86.9	87.3	87.3	87.6	87.6	87.6	87.9	87.9	87.9	87.9
≥ 1800	18.7	82.5	84.5	84.5	85.7	85.9	86.9	87.3	87.3	87.6	87.6	87.6	87.9	87.9	87.9	87.9
≥ 1500	18.7	83.9	86.0	86.0	87.4	87.5	88.6	89.0	89.0	89.3	89.3	89.3	89.7	89.7	89.7	89.7
≥ 1200	18.7	84.1	86.2	86.2	87.7	87.8	89.0	89.3	89.3	89.7	89.7	89.7	90.0	90.0	90.0	90.0
≥ 1000	18.7	84.1	86.2	86.2	87.7	87.8	89.1	89.7	89.7	90.6	90.6	90.6	91.0	91.0	91.0	91.0
≥ 900	18.7	84.5	86.6	86.6	88.1	88.2	89.5	90.0	90.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3
≥ 800	18.7	84.5	86.6	86.6	88.1	88.2	89.5	90.0	90.0	91.0	91.0	91.0	91.4	91.4	91.4	91.4
≥ 700	18.7	84.5	86.6	86.6	88.1	88.2	89.5	90.0	90.0	91.0	91.0	91.0	91.4	91.4	91.4	91.4
≥ 600	18.7	84.7	86.8	86.8	88.5	88.6	90.0	90.6	90.6	91.5	91.5	91.5	92.2	92.2	92.2	92.2
≥ 500	18.7	85.4	87.5	87.5	89.7	89.8	91.2	91.8	91.8	92.7	92.7	92.7	94.0	94.0	94.0	94.0
≥ 400	18.7	85.5	87.6	87.6	89.8	89.9	91.3	91.9	91.9	93.0	93.0	93.0	94.4	94.4	94.4	94.4
≥ 300	18.8	85.9	87.9	87.9	90.2	90.3	92.0	92.7	92.7	93.9	94.1	94.1	95.8	95.8	96.2	96.2
≥ 200	18.8	86.1	88.3	88.3	90.5	90.6	92.4	93.0	93.0	94.3	94.6	94.6	96.4	96.5	98.3	98.3
≥ 100	18.8	86.1	88.3	88.3	90.5	90.6	92.4	93.0	93.0	94.4	94.7	94.7	96.5	96.6	98.6	99.1
≥ 0	18.8	86.1	88.3	88.3	90.6	90.7	92.5	93.2	93.2	94.6	94.8	94.8	96.6	96.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635

THULE AB GL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¾	≥0	
NO CEILING	8.9	27.7	27.7	27.7	28.2	28.2	28.8	28.9	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.5	29.6
≥ 20000	8.9	29.5	29.5	29.5	30.0	30.0	30.6	30.7	30.7	30.7	30.7	30.7	30.7	31.0	31.0	31.3	31.4
≥ 18000	9.0	31.6	31.6	31.6	32.3	32.3	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.4	33.4	33.7	33.8
≥ 16000	9.0	31.6	31.6	31.6	32.3	32.3	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.4	33.4	33.7	33.8
≥ 14000	9.0	32.0	32.0	32.1	32.7	32.7	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	34.1	34.2
≥ 12000	9.0	32.6	32.6	32.7	33.3	33.3	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.6	34.8
≥ 10000	9.6	33.7	33.7	33.8	34.4	34.4	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.4	35.4	35.8	35.9
≥ 9000	9.9	34.6	34.6	34.9	35.4	35.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.5	36.5	36.8	36.9
≥ 8000	10.9	40.5	40.6	40.7	41.3	41.3	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.7	42.8
≥ 7000	11.6	44.8	44.9	45.0	45.6	45.6	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	47.1	47.2
≥ 6000	13.6	48.7	49.0	49.1	49.7	49.7	50.5	50.6	50.6	50.9	50.9	50.9	50.9	51.1	51.1	51.4	51.6
≥ 5000	14.0	57.1	57.4	57.5	58.1	58.1	58.9	59.0	59.0	59.4	59.4	59.4	59.4	59.7	59.7	60.1	60.2
≥ 4500	15.1	59.0	59.4	59.5	60.1	60.1	60.9	61.0	61.0	61.3	61.3	61.3	61.3	61.7	61.7	62.0	62.1
≥ 4000	16.9	66.4	67.1	67.2	67.8	67.8	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.4	69.4	69.7	69.9
≥ 3500	17.6	70.5	71.7	71.8	72.4	72.4	73.2	73.3	73.3	73.6	73.6	73.6	73.6	74.0	74.0	74.3	74.5
≥ 3000	17.6	74.3	76.2	76.4	77.0	77.0	77.8	77.9	77.9	78.3	78.3	78.3	78.3	78.6	78.6	78.9	79.1
≥ 2500	18.1	76.8	78.7	78.9	79.9	80.0	80.9	81.0	81.0	81.4	81.4	81.4	81.4	81.7	81.7	82.0	82.2
≥ 2000	18.3	79.2	81.6	81.8	82.7	82.9	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.6	84.6	84.9	85.0
≥ 1800	18.3	79.2	81.6	81.8	82.7	82.9	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.6	84.6	84.9	85.0
≥ 1500	18.4	80.7	83.3	83.5	84.5	84.6	85.5	85.6	85.6	86.0	86.0	86.0	86.1	86.5	86.5	86.9	87.0
≥ 1200	18.4	80.8	83.4	83.7	84.6	84.7	85.6	85.7	85.7	86.1	86.1	86.2	86.2	86.7	86.7	87.0	87.1
≥ 1000	18.8	81.1	83.8	84.0	84.9	85.0	86.1	86.2	86.2	86.9	86.9	87.0	87.0	87.6	87.6	87.9	88.0
≥ 900	19.0	81.5	84.1	84.3	85.3	85.4	86.5	86.7	86.7	87.3	87.3	87.5	87.5	88.0	88.0	88.4	88.5
≥ 800	19.0	81.8	84.6	84.8	85.7	85.8	87.0	87.1	87.1	87.8	87.8	87.9	87.9	89.1	89.1	89.4	89.5
≥ 700	19.0	81.9	84.7	84.9	85.8	86.0	87.1	87.2	87.2	87.9	87.9	88.0	88.0	89.2	89.2	89.5	89.6
≥ 600	19.0	81.9	84.9	85.2	86.3	86.4	87.7	87.8	87.8	88.5	88.5	88.6	88.6	90.4	90.4	90.8	90.9
≥ 500	19.0	82.0	85.3	85.5	87.1	87.2	88.6	88.7	88.7	89.4	89.4	89.5	89.5	91.5	91.5	91.8	91.9
≥ 400	19.0	82.0	85.3	85.5	87.1	87.2	88.6	88.7	88.7	89.5	89.5	89.6	89.6	91.7	91.7	92.5	92.6
≥ 300	19.0	82.0	85.3	85.5	87.3	87.5	88.8	89.0	89.0	90.2	90.2	90.3	90.3	92.8	92.8	94.0	94.1
≥ 200	19.0	82.3	85.5	85.7	87.7	87.9	89.6	89.9	89.9	91.1	91.1	91.4	91.4	93.8	94.1	96.9	97.0
≥ 100	19.0	82.3	85.5	85.7	87.7	87.9	89.6	89.9	89.9	91.3	91.3	91.6	91.6	94.0	94.4	97.8	99.3
≥ 0	19.0	82.3	85.5	85.7	87.7	87.9	89.6	89.9	89.9	91.3	91.3	91.6	91.6	94.0	94.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 869

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17685

THULE AB GL

69-70,73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURLY (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	9.4	27.8	28.1	28.1	28.4	28.5	28.8	28.9	28.9	29.2	29.3	29.3	29.6	29.6	29.9	30.1
≥ 20000	9.5	29.3	29.6	29.6	30.0	30.0	30.4	30.5	30.5	30.8	30.9	30.9	31.2	31.2	31.5	31.7
≥ 18000	9.5	31.0	31.2	31.2	31.6	31.7	32.1	32.2	32.2	32.5	32.5	32.6	32.8	32.9	33.2	33.4
≥ 16000	9.5	31.0	31.2	31.2	31.7	31.7	32.1	32.2	32.2	32.5	32.5	32.6	32.8	32.9	33.2	33.4
≥ 14000	9.6	31.4	31.6	31.7	32.1	32.1	32.5	32.6	32.6	32.9	33.0	33.0	33.3	33.3	33.6	33.8
≥ 12000	10.1	32.2	32.5	32.5	32.9	33.0	33.3	33.5	33.5	33.8	33.8	33.9	34.1	34.2	34.5	34.7
≥ 10000	10.5	33.5	33.8	33.8	34.2	34.3	34.7	34.8	34.8	35.1	35.1	35.2	35.5	35.5	35.8	36.1
≥ 9000	10.7	34.7	35.0	35.0	35.4	35.5	35.9	36.0	36.0	36.3	36.3	36.4	36.7	36.7	37.1	37.3
≥ 8000	11.4	39.4	39.7	39.8	40.2	40.3	40.7	40.8	40.8	41.1	41.2	41.2	41.5	41.6	41.9	42.2
≥ 7000	12.0	43.9	44.3	44.3	44.8	44.9	45.3	45.4	45.4	45.8	45.8	45.9	46.2	46.3	46.6	46.9
≥ 6000	13.6	48.3	48.8	48.9	49.5	49.5	49.9	50.1	50.1	50.5	50.6	50.7	51.1	51.1	51.4	51.6
≥ 5000	14.8	58.7	59.4	59.4	60.0	60.0	60.4	60.7	60.7	61.1	61.2	61.2	61.6	61.7	62.7	62.2
≥ 4500	15.3	59.9	60.6	60.6	61.3	61.3	61.7	62.0	62.0	62.4	62.5	62.5	62.9	62.9	63.3	63.5
≥ 4000	16.5	67.1	68.0	68.0	68.8	68.8	69.2	69.5	69.5	69.9	70.0	70.1	70.5	70.5	71.9	71.1
≥ 3500	17.2	71.2	72.3	72.3	73.1	73.2	73.6	73.9	73.9	74.3	74.4	74.4	74.8	74.9	75.2	75.5
≥ 3000	17.6	75.8	77.4	77.5	78.5	78.5	79.0	79.3	79.3	79.8	79.9	79.9	80.3	80.4	80.8	81.0
≥ 2500	17.9	77.9	79.6	79.7	80.8	80.9	81.4	81.7	81.7	82.3	82.4	82.4	82.8	82.8	83.2	83.5
≥ 2000	18.2	80.0	81.9	82.0	83.3	83.4	84.0	84.3	84.3	84.8	84.9	84.9	85.4	85.4	85.8	86.0
≥ 1800	18.2	80.1	82.0	82.1	83.4	83.5	84.1	84.4	84.4	84.9	85.0	85.0	85.5	85.5	85.9	86.1
≥ 1500	18.4	81.1	83.3	83.4	84.7	84.9	85.4	85.7	85.8	86.3	86.4	86.5	86.9	87.0	87.4	87.6
≥ 1200	18.4	81.4	83.7	83.7	85.1	85.2	85.8	86.1	86.1	86.7	86.8	86.8	87.3	87.4	87.7	88.0
≥ 1000	18.4	81.6	84.1	84.2	85.6	85.7	86.3	86.7	86.7	87.4	87.6	87.6	88.1	88.2	88.6	88.8
≥ 900	18.5	81.8	84.2	84.3	85.7	85.9	86.5	86.9	86.9	87.6	87.8	87.8	88.3	88.4	88.7	89.0
≥ 800	18.5	81.9	84.5	84.6	86.0	86.2	86.9	87.3	87.3	88.0	88.2	88.3	88.8	88.9	89.3	89.6
≥ 700	18.6	82.1	84.7	84.8	86.3	86.4	87.1	87.5	87.5	88.3	88.4	88.5	89.0	89.1	89.5	89.8
≥ 600	18.6	82.3	85.1	85.2	86.7	86.8	87.6	88.0	88.1	88.8	89.0	89.0	89.8	89.8	90.2	90.5
≥ 500	18.8	82.7	85.6	85.7	87.5	87.7	88.7	89.1	89.2	90.0	90.2	90.3	91.3	91.3	91.8	92.0
≥ 400	18.8	82.8	85.9	85.9	87.8	88.0	89.0	89.5	89.5	90.5	90.7	90.8	91.9	92.0	92.5	92.8
≥ 300	18.8	83.1	86.2	86.3	88.4	88.6	89.8	90.3	90.4	91.6	92.0	92.1	93.6	93.7	94.8	95.2
≥ 200	18.8	83.1	86.3	86.4	88.5	88.8	90.1	90.7	90.8	92.2	92.7	92.8	94.6	94.9	96.8	97.5
≥ 100	18.8	83.1	86.4	86.4	88.6	88.8	90.1	90.7	90.9	92.3	92.8	93.0	94.8	95.1	97.6	99.6
≥ 0	18.8	83.1	86.4	86.4	88.6	88.8	90.1	90.8	90.9	92.3	92.8	93.0	94.9	95.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6973

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17015
STATION

THULE A3 GL
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.7	36.9	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.5
≥ 20000	7.9	38.3	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9
≥ 18000	8.7	33.8	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 16000	8.0	36.8	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 14000	8.0	38.8	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 12000	8.0	39.1	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 10000	8.4	39.8	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 9000	8.4	40.0	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6
≥ 8000	8.4	42.6	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 7000	8.7	47.8	48.2	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	49.1	49.1	49.2
≥ 6000	9.2	49.9	50.4	50.4	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.5	51.5	51.6
≥ 5000	9.3	60.3	61.4	61.4	61.8	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.7	62.7	62.8
≥ 4500	9.8	62.4	63.6	63.6	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.9	64.9	65.0
≥ 4000	11.2	71.6	72.8	72.9	73.9	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.8	74.8	74.9
≥ 3500	11.2	76.6	78.1	78.2	79.3	79.3	79.5	79.9	79.9	79.9	79.9	79.9	80.3	80.3	80.3	80.4
≥ 3000	11.2	81.4	83.0	83.2	84.8	84.8	85.0	85.4	85.4	85.4	85.4	85.4	85.9	85.9	85.9	86.0
≥ 2500	11.5	83.6	86.0	86.2	88.3	88.5	88.7	89.0	89.0	89.2	89.2	89.2	89.6	89.6	89.6	89.8
≥ 2000	11.5	86.0	88.6	88.9	91.0	91.2	91.4	91.8	91.8	91.9	91.9	91.9	92.3	92.3	92.3	92.5
≥ 1800	11.5	86.5	89.0	89.4	91.5	91.6	91.9	92.2	92.2	92.3	92.3	92.3	92.8	92.8	92.8	92.9
≥ 1500	11.5	86.9	90.1	90.5	92.7	92.8	93.2	93.5	93.5	93.6	93.6	93.6	94.1	94.1	94.1	94.2
≥ 1200	11.5	87.2	90.3	90.7	92.9	93.1	93.5	93.9	93.9	94.0	94.0	94.0	94.5	94.5	94.5	94.6
≥ 1000	11.5	87.5	91.0	91.4	94.3	94.5	94.9	95.4	95.4	95.9	95.9	95.9	96.5	96.5	96.5	96.6
≥ 900	11.5	87.5	91.0	91.4	94.6	94.7	95.2	95.6	95.6	96.2	96.2	96.2	96.8	96.8	96.8	96.9
≥ 800	11.5	87.5	91.0	91.4	94.6	94.7	95.2	95.6	95.6	96.2	96.2	96.2	96.8	96.8	96.8	96.9
≥ 700	11.5	87.5	91.0	91.4	94.6	94.7	95.2	95.6	95.6	96.2	96.2	96.2	96.8	96.8	96.8	96.9
≥ 600	11.7	87.6	91.2	91.5	94.7	94.8	95.3	95.8	95.8	96.3	96.3	96.3	96.9	96.9	96.9	97.1
≥ 500	11.7	87.8	91.3	91.6	94.8	94.9	95.4	95.9	95.9	96.8	96.8	96.8	97.4	97.4	97.6	97.8
≥ 400	11.7	88.3	91.9	92.3	95.5	95.6	96.1	96.6	96.6	97.5	97.5	97.5	98.2	98.2	98.5	98.6
≥ 300	11.7	88.3	91.9	92.3	95.5	95.6	96.1	96.6	96.6	98.0	98.0	98.0	99.1	99.2	99.5	99.9
≥ 200	11.7	88.3	91.9	92.3	95.5	95.6	96.2	96.7	96.7	98.1	98.1	98.1	99.2	99.3	99.6	100.0
≥ 100	11.7	88.3	91.9	92.3	95.5	95.6	96.2	96.7	96.7	98.1	98.1	98.1	99.2	99.3	99.6	100.0
≥ 0	11.7	88.3	91.9	92.3	95.5	95.6	96.2	96.7	96.7	98.1	98.1	98.1	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17835

THULE AB GL

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	9.3	37.4	37.5	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	9.3	37.8	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2
≥ 18000	9.4	39.3	39.4	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8
≥ 16000	9.4	39.3	39.4	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8
≥ 14000	9.4	39.3	39.4	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8
≥ 12000	9.6	39.5	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0
≥ 10000	9.7	41.0	41.1	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5
≥ 9000	9.7	41.6	41.7	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1
≥ 8000	9.7	43.8	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.6	44.6	44.6
≥ 7000	9.8	48.5	49.0	49.0	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.9	49.9	49.9
≥ 6000	10.4	51.1	51.9	51.9	52.0	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0	53.0	53.0
≥ 5000	10.8	60.9	62.0	62.0	62.2	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.7	63.7
≥ 4500	11.1	62.5	63.6	63.6	63.8	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	65.1	65.2	65.2
≥ 4000	13.1	70.7	72.0	72.0	72.3	72.8	73.2	73.6	73.6	73.6	73.6	73.6	73.6	74.1	74.2	74.2
≥ 3500	13.1	75.4	76.8	76.8	77.4	78.0	78.5	78.9	78.9	78.9	78.9	78.9	78.9	79.3	79.5	79.5
≥ 3000	13.9	80.9	82.9	83.0	84.1	84.7	85.2	85.7	85.7	85.8	85.8	85.8	85.8	86.3	86.4	86.4
≥ 2500	13.9	83.5	86.1	86.3	87.6	88.2	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.7	89.8	89.8
≥ 2000	13.9	85.5	88.5	88.6	90.2	90.8	91.3	91.8	92.0	92.2	92.2	92.2	92.2	92.7	92.8	92.8
≥ 1800	13.9	85.5	88.5	88.6	90.2	90.8	91.3	91.8	92.0	92.2	92.2	92.2	92.2	92.7	92.8	92.8
≥ 1500	14.3	86.6	90.0	90.1	92.0	92.6	93.2	93.7	93.9	94.1	94.1	94.1	94.1	94.6	94.7	94.7
≥ 1200	14.3	86.7	90.1	90.2	92.1	92.7	93.3	93.8	94.0	94.3	94.3	94.3	94.3	94.7	94.9	94.9
≥ 1000	14.6	87.0	90.4	90.6	93.2	93.8	94.7	95.5	95.7	96.2	96.2	96.2	96.2	96.7	96.8	96.8
≥ 900	14.6	87.0	90.4	90.6	93.2	93.8	94.7	95.5	95.7	96.2	96.2	96.2	96.2	96.7	96.8	96.8
≥ 800	14.6	87.0	90.4	90.6	93.2	93.8	94.7	95.5	95.7	96.2	96.2	96.2	96.2	96.8	96.9	96.9
≥ 700	14.6	87.0	90.4	90.6	93.2	93.8	94.7	95.5	95.7	96.2	96.2	96.2	96.2	96.8	96.9	96.9
≥ 600	14.6	87.1	90.6	90.7	93.3	93.9	94.9	95.6	95.8	96.3	96.3	96.3	96.3	96.9	97.0	97.0
≥ 500	14.6	87.3	90.8	90.9	93.5	94.1	95.1	95.8	96.2	96.7	96.7	96.7	96.7	97.4	97.5	97.5
≥ 400	14.6	87.7	91.2	91.3	93.9	94.5	95.6	96.3	96.7	97.4	97.4	97.4	97.4	98.1	98.3	98.4
≥ 300	14.6	87.7	91.2	91.3	93.9	94.5	95.6	96.3	96.7	97.5	97.6	97.6	97.6	99.2	99.4	99.5
≥ 200	14.6	87.7	91.2	91.3	93.9	94.5	95.6	96.4	96.8	97.7	97.8	97.8	97.8	99.4	99.6	99.8
≥ 100	14.6	87.7	91.2	91.3	93.9	94.5	95.6	96.4	96.8	97.7	97.8	97.8	97.8	99.4	99.6	99.8
≥ 0	14.6	87.7	91.2	91.3	93.9	94.5	95.6	96.4	96.8	97.7	97.8	97.8	97.8	99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17835

THULE AB GL

69-70,73-80

550

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

500-760
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥1/16
NO CEILING	17.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.9	35.9	36.7
≥ 20000	17.6	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.9
≥ 18000	10.7	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4
≥ 16000	10.7	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4
≥ 14000	10.7	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.5	38.5	38.6
≥ 12000	10.8	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.7
≥ 10000	11.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.5
≥ 9000	11.1	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.4	40.4	40.5
≥ 8000	11.9	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.6	43.9	43.9	44.0
≥ 7000	12.2	50.4	50.8	50.8	51.1	51.1	51.3	51.5	51.5	51.6	51.6	51.6	51.7	52.2	52.2	52.4
≥ 6000	12.7	53.3	53.9	53.9	54.1	54.1	54.5	54.7	54.7	54.8	54.8	54.9	55.1	55.4	55.4	55.5
≥ 5000	13.6	62.1	63.1	63.1	63.5	63.5	63.9	64.4	64.6	64.7	64.8	64.9	65.3	65.3	65.4	65.4
≥ 4500	14.0	63.6	64.6	64.6	65.1	65.1	65.4	65.9	66.1	66.2	66.4	66.5	66.8	66.8	66.9	66.9
≥ 4000	15.6	70.8	72.1	72.1	73.1	73.4	73.8	74.2	74.5	74.6	74.7	74.8	75.2	75.2	75.3	75.3
≥ 3500	16.1	75.3	76.9	77.1	78.0	78.5	78.8	79.3	79.5	79.6	79.8	79.9	80.2	80.2	80.4	80.4
≥ 3000	16.9	79.5	81.6	82.0	83.3	83.8	84.1	84.6	84.8	84.9	85.1	85.2	85.5	85.5	85.6	85.6
≥ 2500	16.9	81.9	84.0	84.4	85.8	86.4	86.7	87.2	87.4	87.5	87.6	87.8	88.1	88.1	88.2	88.2
≥ 2000	17.5	84.6	86.8	87.2	88.9	89.5	89.9	90.4	90.6	90.7	90.8	90.9	91.3	91.3	91.4	91.4
≥ 1800	17.9	85.2	87.4	87.8	89.5	90.1	90.5	90.9	91.2	91.3	91.4	91.5	91.9	91.9	92.0	92.0
≥ 1500	17.9	85.8	88.0	88.4	90.1	90.7	91.2	91.6	91.9	92.0	92.4	92.5	92.8	92.8	92.9	92.9
≥ 1200	18.7	86.0	88.2	88.6	90.4	90.9	91.4	91.9	92.1	92.4	92.7	92.8	93.2	93.2	93.3	93.3
≥ 1000	18.1	86.1	88.4	88.7	90.5	91.1	91.9	92.4	92.6	93.2	93.6	93.8	94.2	94.2	94.4	94.4
≥ 900	18.4	86.4	88.6	88.9	90.7	91.3	92.1	92.6	92.8	93.4	93.9	94.0	94.5	94.5	94.6	94.6
≥ 800	18.5	86.5	88.7	89.1	91.1	91.6	92.7	93.2	93.4	94.1	94.6	94.7	95.3	95.3	95.4	95.4
≥ 700	18.5	86.5	88.7	89.1	91.2	91.8	92.9	93.4	93.6	94.4	94.8	94.9	95.5	95.5	95.6	95.6
≥ 600	18.5	86.6	88.8	89.2	91.3	91.9	93.1	93.5	93.8	94.5	94.9	95.1	95.6	95.6	95.8	95.8
≥ 500	18.5	86.8	89.2	89.5	91.6	92.2	93.5	94.1	94.4	95.2	95.6	95.8	96.5	96.5	96.6	96.6
≥ 400	18.5	86.8	89.2	89.5	91.6	92.2	94.0	94.6	94.8	95.6	96.1	96.2	96.9	96.9	97.1	97.1
≥ 300	18.6	87.1	89.4	89.8	92.1	92.7	94.5	95.1	95.3	96.2	96.9	97.2	98.8	98.8	98.9	98.9
≥ 200	18.7	87.2	89.5	89.9	92.2	92.8	94.7	95.3	95.5	96.5	97.2	97.4	99.2	99.2	99.3	99.4
≥ 100	18.7	87.2	89.5	89.9	92.2	92.8	94.7	95.3	95.5	96.5	97.2	97.4	99.2	99.2	99.4	99.4
≥ 0	18.7	87.2	89.5	89.9	92.2	92.8	94.7	95.3	95.5	96.5	97.2	97.4	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 850

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17805

THULE AS GL

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 27000	10.2	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 18000 ≥ 6700	10.2	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 14000 ≥ 12000	10.4	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000 ≥ 9000	10.4	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 8000 ≥ 7000	10.7	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 6000 ≥ 5000	11.3	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 4500 ≥ 4000	11.3	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 3500 ≥ 3000	12.0	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 2500 ≥ 2000	12.7	50.5	50.6	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1800 ≥ 1500	14.5	57.8	54.0	54.0	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1200 ≥ 1000	15.0	65.4	65.8	65.8	66.4	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 900 ≥ 800	15.9	66.7	67.1	67.1	67.7	67.8	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 700 ≥ 600	18.6	76.9	77.5	77.5	78.2	78.3	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 500 ≥ 400	19.1	81.0	81.6	81.6	82.3	82.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 300 ≥ 200	19.5	85.5	86.5	86.5	87.2	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 100 ≥ 0	19.7	87.2	88.5	88.5	89.5	89.7	90.5	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	19.8	89.5	90.8	90.8	92.2	92.4	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	19.8	89.7	91.0	91.0	92.4	92.7	93.6	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	19.8	90.3	91.6	91.6	93.0	93.2	94.2	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8
	19.8	90.4	91.8	91.8	93.5	93.7	94.7	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3
	19.8	90.4	92.1	92.1	93.7	94.0	95.3	95.5	95.6	96.1	96.1	96.1	96.4	96.4	96.4	96.4
	19.8	90.4	92.1	92.1	93.7	94.0	95.3	95.5	95.6	96.1	96.1	96.1	96.4	96.4	96.4	96.4
	19.8	90.6	92.4	92.4	94.1	94.3	95.6	95.9	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6
	19.9	90.9	92.5	92.5	94.2	94.4	95.7	96.0	96.1	96.6	96.6	96.6	96.9	96.9	96.9	96.9
	19.8	91.1	92.9	92.9	94.5	94.8	96.1	96.3	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3
	19.8	91.2	93.1	93.1	95.1	95.4	96.8	97.2	97.3	97.7	97.7	97.7	98.1	98.1	98.1	98.1
	19.9	91.5	93.4	93.4	95.7	96.0	97.4	97.7	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8
	19.9	91.7	93.6	93.6	96.1	96.3	97.7	98.1	98.2	99.1	99.1	99.1	99.5	99.5	99.5	99.5
	19.9	91.7	93.6	93.6	96.1	96.3	97.7	98.2	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6
	19.9	91.7	93.6	93.6	96.1	96.3	97.7	98.2	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6
	19.9	91.7	93.6	93.6	96.1	96.3	97.7	98.2	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17615

THULE AB GL

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	10.5	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	36.9
≥ 20000	10.5	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	39.5	38.5	38.5
≥ 18000	10.6	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.7
≥ 16000	10.6	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.8
≥ 14000	10.6	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.0	42.0	42.1
≥ 12000	11.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.9
≥ 10000	12.0	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.3
≥ 9000	12.0	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.9	44.9	45.0
≥ 8000	12.5	47.7	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.6
≥ 7000	12.3	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.8
≥ 6000	14.0	53.8	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.8	54.8	54.9
≥ 5000	15.5	66.6	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.8	67.8	68.3	68.3	68.4
≥ 4500	16.5	63.0	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.2	69.3	69.3	69.8	69.8	69.9
≥ 4000	18.3	75.0	76.1	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.7	76.9	76.9	77.3	77.3	77.4
≥ 3500	18.4	79.8	81.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.8	81.9	81.9	82.4	82.4	82.5
≥ 3000	19.0	84.5	86.1	86.1	86.8	86.8	87.3	87.3	87.3	87.3	87.7	87.8	87.8	88.2	88.2	88.4
≥ 2500	19.0	87.1	88.7	88.7	89.7	89.7	90.1	90.1	90.1	90.2	90.8	91.0	91.0	91.4	91.4	91.5
≥ 2000	19.2	88.5	90.1	90.1	91.2	91.2	91.9	91.9	92.0	92.0	92.7	92.8	92.8	93.3	93.3	93.4
≥ 1800	19.2	88.7	90.4	90.4	91.4	91.4	92.1	92.1	92.2	92.2	92.9	93.1	93.1	93.5	93.5	93.7
≥ 1500	19.2	89.2	91.1	91.1	92.1	92.1	92.8	92.8	92.9	93.7	93.8	93.8	93.8	94.2	94.2	94.4
≥ 1200	19.3	89.4	91.3	91.3	92.4	92.4	93.1	93.1	93.2	93.9	94.0	94.0	94.0	94.5	94.5	94.6
≥ 1000	19.5	90.0	92.5	92.5	93.7	93.7	94.5	94.6	94.7	95.4	95.5	95.5	95.5	96.1	96.2	96.4
≥ 900	19.5	90.1	92.6	92.6	93.8	93.8	94.6	94.7	94.8	95.5	95.8	95.8	95.8	96.4	96.5	96.6
≥ 800	19.5	90.1	92.6	92.6	93.8	93.8	94.8	94.9	95.1	95.8	96.0	96.0	96.0	96.6	96.7	96.8
≥ 700	19.5	90.1	92.6	92.6	93.8	93.8	94.8	94.9	95.1	95.8	96.0	96.0	96.0	96.8	96.9	97.1
≥ 600	19.5	90.1	92.6	92.6	93.8	93.8	94.8	94.9	95.1	95.8	96.0	96.0	96.0	96.8	96.9	97.1
≥ 500	19.5	90.5	92.9	92.9	94.1	94.1	95.2	95.7	95.8	96.5	96.7	96.7	96.7	97.5	97.6	97.9
≥ 400	19.6	91.0	93.4	93.4	95.1	95.1	96.1	96.7	96.8	97.5	97.8	97.8	97.8	98.6	98.7	98.9
≥ 300	19.7	91.1	93.5	93.5	95.2	95.2	96.2	96.8	96.9	97.6	97.9	97.9	97.9	98.7	98.8	99.1
≥ 200	19.9	91.2	93.7	93.7	95.3	95.3	96.5	97.1	97.2	98.1	98.4	98.4	98.4	99.2	99.3	99.5
≥ 100	19.9	91.2	93.7	93.7	95.3	95.3	96.5	97.1	97.2	98.1	98.4	98.5	98.5	99.3	99.4	99.6
≥ 0	19.9	91.2	93.7	93.7	95.3	95.3	96.5	97.1	97.2	98.1	98.4	98.5	98.5	99.3	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1965
STATION

THULE AB GL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	0.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.4
≥ 20000	10.1	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.4
≥ 18000	10.3	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.7
≥ 16000	10.3	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.9	39.9	40.0
≥ 14000	10.4	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.1
≥ 12000	10.9	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.8
≥ 10000	11.4	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.0
≥ 9500	11.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.8
≥ 8000	11.6	44.9	44.9	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3	45.3	45.4
≥ 7000	12.4	49.7	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.4
≥ 6000	13.4	53.0	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.6	53.6	53.6	53.6	53.7	53.7	53.8
≥ 5000	15.0	64.2	64.6	64.6	64.9	64.9	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.5
≥ 4500	15.8	66.7	67.2	67.2	67.5	67.5	67.6	67.6	67.6	67.9	67.9	67.9	67.9	68.0	68.0	68.1
≥ 4000	17.7	72.8	73.5	73.5	74.2	74.2	74.4	74.4	74.4	74.9	75.0	75.0	75.0	75.4	75.4	75.7
≥ 3500	18.2	77.1	78.0	78.0	78.7	78.7	78.9	78.9	78.9	79.5	79.6	79.6	79.6	80.0	80.2	80.3
≥ 3000	19.6	81.6	82.9	82.9	83.7	83.7	84.4	84.4	84.4	85.1	85.2	85.2	85.2	85.6	85.8	85.9
≥ 2500	18.6	84.6	86.0	86.0	87.2	87.2	88.0	88.0	88.0	88.7	88.9	88.9	88.9	89.2	89.4	89.6
≥ 2000	18.9	86.4	88.0	88.0	89.3	89.3	90.2	90.3	90.3	91.0	91.1	91.1	91.1	91.4	91.7	91.8
≥ 1800	18.8	86.4	88.0	88.0	89.3	89.3	90.2	90.3	90.3	91.0	91.1	91.1	91.1	91.4	91.7	91.8
≥ 1500	18.9	86.6	88.4	88.4	89.7	89.8	90.7	90.9	90.9	91.7	91.8	91.8	91.8	92.1	92.4	92.5
≥ 1200	19.2	87.0	88.7	88.7	90.2	90.3	91.4	91.7	91.7	92.5	92.6	92.6	92.6	93.0	93.2	93.3
≥ 1000	19.3	88.0	90.2	90.2	91.9	92.0	93.4	93.7	93.7	94.6	94.7	94.7	94.7	95.1	95.3	95.4
≥ 900	19.3	88.5	90.9	90.9	92.6	92.7	94.1	94.4	94.4	95.3	95.4	95.4	95.4	95.8	96.0	96.1
≥ 800	19.5	88.6	91.0	91.0	92.8	93.0	94.4	94.8	94.8	95.8	95.9	95.9	95.9	96.2	96.5	96.6
≥ 700	19.7	88.9	91.2	91.2	93.2	93.3	94.7	95.2	95.2	96.1	96.2	96.2	96.2	96.6	96.8	97.0
≥ 600	19.7	88.9	91.2	91.2	93.2	93.3	94.7	95.2	95.2	96.1	96.2	96.2	96.2	96.6	96.8	97.0
≥ 500	19.7	88.9	91.2	91.2	93.3	93.4	94.8	95.5	95.5	96.5	96.6	96.6	96.6	97.1	97.3	97.5
≥ 400	19.7	89.2	91.6	91.6	93.7	93.8	95.4	96.1	96.1	97.1	97.2	97.2	97.2	97.8	98.0	98.2
≥ 300	19.7	89.2	91.6	91.6	93.8	93.9	95.5	96.2	96.4	97.3	97.4	97.4	97.4	98.2	98.5	98.8
≥ 200	19.7	89.2	91.6	91.6	93.8	93.9	95.5	96.4	96.5	97.9	98.0	98.0	98.0	98.8	99.1	99.3
≥ 100	19.7	89.2	91.6	91.6	93.8	93.9	95.5	96.4	96.5	97.9	98.0	98.0	98.0	98.8	99.1	99.3
≥ 0	19.7	89.2	91.6	91.6	93.8	93.9	95.5	96.4	96.5	97.9	98.0	98.0	98.0	98.8	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005
STATION

THULE AB GL
STATION NAME

69-70, 73-80
YEARS

SLC
MONTH
1960-2000
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	17.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.5	36.6	36.6
≥20000	10.7	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.2	38.3	38.3
IV 18000	11.1	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.4	39.5	39.5
IV 16000	11.1	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.6	39.7	39.7
IV 14000	11.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	40.0	40.1	40.1
IV 12000	11.6	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.3	40.4	40.4
IV 10000	12.3	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.6	42.7	42.7
IV 9000	12.3	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.4	43.5	43.5
IV 8000	12.4	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8	46.0	46.0
IV 7000	13.2	48.9	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.9	50.1	50.1
IV 6000	13.7	51.3	51.8	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.5	52.6	52.6
IV 5000	14.2	61.1	62.1	62.4	62.5	62.5	62.5	62.6	62.7	63.0	63.1	63.1	63.4	63.4	63.5	63.5
IV 4500	14.7	62.7	64.1	64.4	64.6	64.6	64.6	64.7	64.8	65.1	65.2	65.2	65.5	65.5	65.7	65.7
IV 4000	17.1	70.3	72.0	72.2	72.8	72.8	72.8	72.9	73.0	73.5	73.6	73.6	74.3	74.4	74.6	74.6
IV 3500	17.6	75.8	78.1	78.3	79.0	79.0	79.0	79.1	79.2	79.7	79.8	79.8	80.5	80.7	80.8	80.8
IV 3000	18.2	80.1	82.8	83.0	83.8	84.1	84.1	84.2	84.3	84.8	84.9	84.9	85.6	85.7	85.8	85.8
IV 2500	18.5	83.1	86.3	86.3	87.2	87.5	87.5	87.6	87.7	88.3	88.4	88.4	89.1	89.2	89.3	89.3
IV 2000	19.0	84.8	87.8	88.3	89.1	89.3	89.3	89.4	89.6	90.2	90.3	90.3	91.0	91.1	91.2	91.2
IV 1800	19.0	84.9	87.9	88.2	89.2	89.4	89.4	89.6	89.7	90.3	90.4	90.4	91.1	91.2	91.3	91.3
IV 1500	19.1	85.3	88.5	88.7	90.4	90.6	91.1	91.2	91.3	91.9	92.1	92.1	92.8	93.0	93.1	93.1
IV 1200	19.3	85.9	89.1	89.3	91.0	91.2	91.7	91.8	91.9	92.5	92.7	92.7	93.4	93.6	93.7	93.7
IV 1000	19.5	86.5	89.8	90.0	91.9	92.1	93.0	93.3	93.6	94.6	94.8	94.8	95.7	95.8	95.9	95.9
IV 900	19.5	86.6	89.9	90.2	92.0	92.3	93.1	93.6	93.8	94.8	95.1	95.1	95.9	96.0	96.1	96.1
IV 800	19.5	86.9	90.2	90.4	92.4	92.6	93.6	94.0	94.3	95.4	95.7	95.7	96.5	96.6	96.7	96.7
IV 700	19.5	87.2	90.5	90.7	92.7	93.1	94.0	94.5	94.7	95.9	96.1	96.1	97.0	97.1	97.2	97.2
IV 600	19.7	87.5	90.7	91.0	93.0	93.3	94.3	94.7	95.0	96.1	96.4	96.4	97.2	97.3	97.4	97.4
IV 500	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.0	95.2	96.6	96.8	96.8	97.7	97.8	98.1	98.1
IV 400	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.1	95.3	96.7	97.0	97.0	97.9	98.0	98.4	98.4
IV 300	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.1	95.3	97.1	97.3	97.3	98.1	98.2	98.6	98.9
IV 200	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.1	95.3	97.1	97.3	97.3	98.7	98.8	99.3	99.8
IV 100	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.1	95.3	97.1	97.3	97.3	98.7	98.8	99.3	100.0
IV 0	19.7	87.6	90.9	91.1	93.1	93.6	94.5	95.1	95.3	97.1	97.3	97.3	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635
STATION

THULL AB GL
STATION NAME

69-70,73-80
YEARS

Self
MONTH
2100-2300
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	9.6	36.4	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0
≥ 20000	9.6	37.9	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4
≥ 18000	9.6	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8
≥ 16000	9.6	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8
≥ 14000	9.6	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8
≥ 12000	9.7	38.8	39.0	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4
≥ 10000	10.3	40.7	40.9	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3
≥ 9000	10.3	41.7	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6
≥ 8000	10.4	43.9	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7
≥ 7000	11.2	48.7	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8
≥ 6000	11.7	51.3	51.9	52.1	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7
≥ 5000	12.0	60.4	61.9	62.3	63.0	63.0	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.6	63.6	63.6
≥ 4500	13.1	62.7	64.6	65.0	65.7	65.7	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 4000	15.1	71.3	73.5	73.9	74.6	74.6	74.6	75.1	75.1	75.5	75.5	75.5	75.5	75.6	75.6	75.6
≥ 3500	15.1	75.8	78.3	78.8	79.5	79.5	79.5	80.0	80.0	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 3000	15.3	78.7	81.6	82.1	83.4	83.4	83.4	84.0	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 2500	15.6	82.2	85.1	85.6	87.0	87.0	87.0	87.7	87.7	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 2000	15.7	84.2	87.6	88.1	89.6	89.6	89.6	90.4	90.4	90.8	90.8	90.8	90.8	90.9	90.9	90.9
≥ 1800	15.7	84.3	87.7	88.2	89.7	89.7	89.7	90.6	90.6	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1500	15.7	84.9	88.3	88.8	90.7	90.7	90.7	91.2	91.2	91.7	91.7	92.2	92.2	92.3	92.3	92.3
≥ 1200	15.7	85.5	88.9	89.4	91.3	91.3	91.3	91.7	91.7	92.3	92.3	92.8	92.8	92.9	92.9	92.9
≥ 1000	15.7	85.7	89.3	89.7	92.1	92.2	92.2	92.6	92.6	93.2	93.2	94.8	94.8	94.9	94.9	94.9
≥ 900	15.7	85.7	89.3	89.7	92.1	92.2	92.2	92.6	92.6	93.2	93.2	94.8	94.8	94.9	94.9	94.9
≥ 800	15.7	85.7	89.3	89.7	92.1	92.2	92.2	92.6	92.6	93.2	93.2	94.8	94.8	94.9	94.9	94.9
≥ 700	15.7	85.8	89.6	90.1	92.6	92.7	92.7	93.2	93.2	93.8	93.8	95.8	95.8	95.9	95.9	95.9
≥ 600	15.8	86.0	89.7	90.2	92.7	92.8	92.8	93.3	93.3	93.9	93.9	95.9	95.9	96.0	96.0	96.0
≥ 500	15.9	86.2	90.0	90.4	93.2	93.3	93.3	93.8	93.8	94.3	94.3	96.7	96.8	96.8	97.2	97.2
≥ 400	16.2	86.8	90.6	91.0	93.8	93.9	93.9	94.3	94.3	94.9	94.9	97.3	97.4	97.4	98.1	98.1
≥ 300	16.2	86.8	90.6	91.0	93.8	93.9	93.9	94.3	94.3	94.9	94.9	97.4	97.5	97.5	98.5	98.5
≥ 200	16.2	86.8	90.6	91.0	93.8	93.9	93.9	94.3	94.3	94.9	94.9	97.4	97.5	97.5	98.5	98.5
≥ 100	16.2	86.8	90.6	91.0	93.8	93.9	93.9	94.3	94.3	94.9	94.9	97.4	97.5	97.5	98.5	98.5
≥ 0	16.2	86.8	90.6	91.0	93.8	93.9	93.9	94.3	94.3	94.9	94.9	97.4	97.5	97.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17015

THULE AB GL

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	9.8	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.5	36.5
≥ 20000	9.9	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	37.9	37.9
≥ 18000	10.0	39.1	39.2	39.2	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.6
≥ 16000	10.0	39.1	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6
≥ 14000	10.1	39.3	39.4	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.8
≥ 12000	10.3	39.7	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.2
≥ 10000	10.3	41.0	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.6
≥ 9000	10.3	41.8	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.3
≥ 8000	11.1	44.5	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1
≥ 7000	11.6	49.5	49.9	49.9	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.6	50.6	50.7
≥ 6000	12.5	52.2	52.6	52.7	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.5	53.5	53.6	53.6
≥ 5000	13.2	62.6	63.5	63.6	64.0	64.0	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.9	65.0	65.0
≥ 4500	13.9	64.4	65.4	65.5	65.9	66.0	66.1	66.3	66.3	66.5	66.5	66.5	66.6	66.9	66.9	66.9
≥ 4000	15.9	72.4	73.7	73.8	74.4	74.5	74.8	75.0	75.0	75.3	75.3	75.3	75.7	75.8	75.8	75.8
≥ 3500	16.1	77.1	78.6	78.7	79.4	79.6	79.8	80.0	80.1	80.3	80.4	80.4	80.8	80.8	80.9	80.9
≥ 3000	16.6	81.5	83.4	83.6	84.6	84.8	85.2	85.4	85.5	85.7	85.8	85.8	86.2	86.2	86.3	86.3
≥ 2500	16.7	84.2	86.3	86.5	87.8	88.0	88.4	88.7	88.7	89.1	89.2	89.2	89.5	89.6	89.7	89.7
≥ 2000	16.9	86.2	88.5	88.7	90.2	90.4	90.9	91.2	91.3	91.7	91.7	91.7	92.1	92.2	92.2	92.2
≥ 1800	17.1	86.4	88.8	88.9	90.4	90.7	91.1	91.4	91.5	91.9	91.9	92.0	92.3	92.4	92.4	92.5
≥ 1500	17.1	87.0	89.5	89.7	91.3	91.6	92.2	92.5	92.6	93.0	93.1	93.1	93.5	93.6	93.6	93.6
≥ 1200	17.2	87.3	89.8	90.0	91.7	92.0	92.6	92.9	93.0	93.4	93.5	93.6	93.9	94.0	94.1	94.1
≥ 1000	17.3	87.7	90.4	90.6	92.7	92.9	93.8	94.2	94.3	95.1	95.2	95.2	95.7	95.8	95.9	95.9
≥ 900	17.3	87.8	90.6	90.8	92.8	93.1	93.9	94.4	94.5	95.3	95.4	95.4	95.9	96.0	96.1	96.1
≥ 800	17.3	87.9	90.7	90.9	93.0	93.3	94.3	94.7	94.8	95.7	95.8	95.8	96.3	96.4	96.5	96.5
≥ 700	17.3	88.0	90.8	91.0	93.2	93.4	94.4	94.9	95.0	95.9	96.0	96.0	96.6	96.6	96.7	96.7
≥ 600	17.4	88.1	91.0	91.2	93.3	93.6	94.5	95.0	95.1	96.0	96.1	96.2	96.7	96.8	96.8	96.9
≥ 500	17.4	88.3	91.2	91.4	93.6	93.9	94.9	95.4	95.6	96.6	96.7	96.7	97.3	97.4	97.6	97.6
≥ 400	17.5	88.6	91.5	91.7	94.0	94.3	95.4	96.0	96.1	97.2	97.3	97.4	98.1	98.1	98.4	98.4
≥ 300	17.5	88.7	91.6	91.8	94.2	94.5	95.6	96.1	96.3	97.5	97.7	97.7	98.8	98.9	99.1	99.3
≥ 200	17.5	88.7	91.6	91.8	94.2	94.5	95.6	96.3	96.4	97.7	97.9	98.0	99.1	99.2	99.4	99.7
≥ 100	17.5	88.7	91.6	91.8	94.2	94.5	95.6	96.3	96.4	97.7	97.9	98.0	99.1	99.2	99.5	100.0
≥ 0	17.5	88.7	91.6	91.8	94.2	94.5	95.6	96.3	96.4	97.7	97.9	98.0	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING	1.0	40.9	47.9	40.9	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	1.0	41.2	41.2	41.2	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	1.6	42.3	42.3	42.3	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	1.6	42.8	42.8	42.8	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 14000	1.6	43.0	43.0	43.0	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000	1.6	43.3	43.3	43.3	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	1.7	45.0	45.0	45.0	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	1.7	46.3	46.4	46.4	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	1.9	51.3	51.9	51.9	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	1.9	56.3	57.1	57.2	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	1.8	59.6	61.4	61.7	62.9	63.1	63.3	63.3	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.6
≥ 5000	1.8	66.0	68.0	68.3	69.5	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 4500	1.8	68.0	70.4	70.9	72.1	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 4000	1.8	73.6	77.2	77.6	79.0	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3500	1.9	75.7	79.7	80.2	82.0	82.3	82.7	82.8	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.2
≥ 3000	1.8	78.5	83.3	84.0	86.2	86.5	86.9	87.0	87.0	87.4	87.5	87.5	87.9	87.9	87.9	87.9
≥ 2500	1.9	81.6	87.5	88.2	90.6	91.2	91.6	91.7	91.7	92.1	92.2	92.2	92.5	92.5	92.5	92.5
≥ 2000	1.9	83.9	90.3	91.0	93.5	94.1	94.6	94.8	94.8	95.3	95.4	95.4	95.8	95.8	95.8	95.8
≥ 1800	1.9	84.7	91.1	91.8	94.6	95.2	95.7	95.9	95.9	96.4	96.5	96.5	96.9	96.9	96.9	96.9
≥ 1500	1.9	84.9	91.2	91.9	95.0	95.6	96.5	96.8	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7
≥ 1200	1.9	85.0	91.3	92.1	95.2	95.8	96.8	97.0	97.0	97.5	97.6	97.6	98.0	98.0	98.0	98.0
≥ 1000	1.9	85.1	91.6	92.3	95.8	96.4	97.5	97.7	97.7	98.2	98.3	98.3	98.7	98.7	98.7	98.7
≥ 900	1.9	85.1	91.6	92.3	95.9	96.5	97.6	97.8	97.8	98.3	98.4	98.4	98.8	98.8	98.8	98.8
≥ 800	1.9	85.1	91.6	92.3	96.0	96.6	97.7	98.0	98.0	98.4	98.6	98.6	98.9	98.9	98.9	98.9
≥ 700	1.9	85.2	91.7	92.4	96.2	96.8	97.8	98.1	98.1	98.6	98.7	98.7	99.0	99.0	99.0	99.0
≥ 600	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 500	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 400	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 300	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 200	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 100	1.9	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2
≥ 0	1.7	85.2	91.7	92.4	96.3	96.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 632

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005
STATION

THULE AB GL
STATION NAME

69-70, 73-80
YEARS

007
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-3500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	1.1	33.9	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000	1.1	39.0	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 18000	1.1	40.1	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	1.1	40.1	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	1.1	40.3	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	1.1	40.7	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000	1.1	41.6	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 9500	1.1	43.7	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	1.4	50.5	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	1.4	56.4	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	1.4	59.6	61.9	61.9	62.2	62.2	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	1.4	65.0	67.9	67.9	68.5	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	1.4	67.1	70.3	70.3	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	1.4	73.9	77.9	77.9	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	1.4	76.4	80.5	80.5	81.1	81.1	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	1.4	79.7	84.0	84.1	85.2	85.3	85.6	86.2	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5
≥ 2500	1.4	84.5	89.5	89.7	90.9	91.0	91.2	91.8	91.8	91.9	91.9	91.9	91.9	92.2	92.2	92.2
≥ 2000	1.4	86.3	91.8	91.9	93.9	94.0	94.3	94.9	94.9	95.3	95.3	95.3	95.3	95.5	95.5	95.5
≥ 1800	1.4	86.3	91.8	91.9	94.2	94.3	94.7	95.3	95.3	95.7	95.7	95.7	95.7	95.9	95.9	95.9
≥ 1500	1.4	86.5	92.2	92.3	95.1	95.2	95.9	96.5	96.5	97.0	97.0	97.0	97.0	97.2	97.2	97.2
≥ 1200	1.4	86.8	92.4	92.5	95.5	95.7	96.4	97.0	97.0	97.5	97.5	97.5	97.5	97.7	97.7	97.7
≥ 1000	1.4	86.8	92.8	92.9	95.9	96.0	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 900	1.4	86.8	92.8	92.9	95.9	96.0	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 800	1.4	86.8	92.8	92.9	95.9	96.0	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 700	1.4	86.8	92.8	92.9	95.9	96.0	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 600	1.4	86.8	92.8	92.9	95.9	96.0	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.4	98.4	98.4
≥ 500	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.7	98.7	98.7
≥ 400	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	99.0	99.0	99.0
≥ 300	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	99.0	99.0	99.0
≥ 200	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	99.2	99.2	99.2
≥ 100	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	99.2	99.2	99.2
≥ 0	1.4	86.8	92.8	92.9	96.1	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 83

69
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	4.6	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	4.9	37.6	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 18000	4.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 16000	4.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	4.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	5.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 10000	5.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 9000	5.2	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 8000	6.0	47.2	47.6	47.6	47.7	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 7000	6.2	52.0	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 6000	7.1	54.6	55.4	55.4	56.4	56.5	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 5000	7.2	61.6	63.2	63.2	64.4	64.6	64.7	64.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	7.9	63.3	65.0	65.0	66.2	66.4	66.5	66.5	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	8.3	69.9	72.2	72.3	73.7	74.0	74.1	74.1	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	9.2	76.0	78.7	78.8	80.5	80.7	80.8	80.9	81.2	81.7	81.8	81.8	81.9	81.9	81.9	81.9
≥ 3000	9.7	79.5	82.4	82.5	84.4	84.9	85.1	85.4	85.6	86.2	86.3	86.3	86.5	86.5	86.7	86.7
≥ 2500	9.9	82.7	85.9	86.0	88.5	89.0	89.2	89.4	89.7	90.3	90.4	90.4	90.5	90.5	90.8	90.8
≥ 2000	10.0	85.5	89.1	89.2	91.8	92.4	92.8	93.0	93.3	93.9	94.0	94.0	94.1	94.1	94.4	94.4
≥ 1800	10.3	86.1	89.9	90.0	92.9	93.5	94.0	94.2	94.5	95.1	95.2	95.2	95.3	95.3	95.6	95.6
≥ 1500	10.3	86.8	90.8	90.9	93.9	94.5	95.0	95.4	95.7	96.4	96.5	96.5	96.6	96.6	96.9	96.9
≥ 1200	10.3	86.8	90.8	90.9	94.0	94.6	95.2	95.7	95.9	96.6	96.8	96.8	96.9	96.9	97.1	97.1
≥ 1000	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.4
≥ 900	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.4
≥ 800	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.4
≥ 700	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.4
≥ 600	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.7	98.7
≥ 500	10.4	87.1	91.0	91.1	94.5	95.1	96.0	96.8	97.0	98.1	98.2	98.2	98.6	98.6	99.0	99.0
≥ 400	10.4	87.2	91.1	91.2	94.6	95.2	96.2	96.9	97.1	98.2	98.3	98.3	98.9	98.9	99.4	99.5
≥ 300	10.4	87.2	91.1	91.2	94.6	95.2	96.2	96.9	97.1	98.2	98.3	98.3	98.9	98.9	99.4	99.6
≥ 200	10.4	87.2	91.1	91.2	94.6	95.2	96.2	96.9	97.1	98.2	98.3	98.3	99.2	99.2	99.6	99.9
≥ 100	10.4	87.2	91.1	91.2	94.6	95.2	96.2	96.9	97.1	98.2	98.3	98.3	99.2	99.2	99.8	100.0
≥ 0	10.4	87.2	91.1	91.2	94.6	95.2	96.2	96.9	97.1	98.2	98.3	98.3	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 634

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	8.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3
≥ 20000	9.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2
≥ 18000	8.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7
≥ 16000	8.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7
≥ 14000	8.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8
≥ 12000	8.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9
≥ 10000	8.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9
≥ 9000	9.0	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7
≥ 8000	9.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2	45.2
≥ 7000	10.3	50.0	50.4	50.4	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	51.0	51.2	51.2
≥ 6000	11.7	53.9	55.5	55.5	56.0	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.6	56.8	56.9
≥ 5000	12.7	60.6	62.2	62.2	63.2	63.3	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.4	64.6	64.6
≥ 4500	13.5	63.4	65.2	65.2	66.1	66.3	66.4	66.7	67.1	67.1	67.1	67.1	67.1	67.3	67.6	67.6
≥ 4000	13.5	66.6	68.7	68.7	70.1	70.3	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.4	71.7	71.7
≥ 3500	14.6	70.9	73.6	73.6	75.1	75.5	75.6	76.0	76.3	76.3	76.3	76.3	76.3	76.6	76.8	76.9
≥ 3000	16.7	76.2	78.9	78.9	80.9	81.2	81.6	81.9	82.3	82.4	82.4	82.4	82.4	82.8	83.0	83.1
≥ 2500	17.2	79.1	82.2	82.2	85.0	85.4	85.8	86.1	86.5	86.6	86.6	86.6	86.6	87.0	87.2	87.3
≥ 2000	17.9	81.6	85.2	85.2	89.4	90.0	90.4	90.8	91.1	91.4	91.4	91.4	91.4	91.7	92.0	92.1
≥ 1800	18.4	82.3	86.2	86.2	90.6	91.4	91.9	92.2	92.6	92.8	92.8	92.8	92.8	93.2	93.4	93.5
≥ 1500	18.9	83.3	87.4	87.4	92.0	93.1	94.1	94.6	95.0	95.3	95.3	95.3	95.3	95.7	95.9	96.1
≥ 1200	18.9	83.3	87.6	87.6	92.1	93.2	94.6	95.2	95.6	95.9	95.9	95.9	95.9	96.3	96.5	96.7
≥ 1000	18.9	83.5	87.8	87.8	92.3	93.5	95.1	95.7	96.1	96.8	97.0	97.0	97.0	97.4	97.6	97.7
≥ 900	18.9	83.5	87.8	87.8	92.3	93.5	95.1	95.7	96.1	96.8	97.0	97.0	97.0	97.4	97.6	97.7
≥ 800	18.9	83.5	87.8	87.8	92.5	93.7	95.2	95.8	96.2	97.1	97.5	97.5	97.5	98.0	98.2	98.3
≥ 700	18.9	83.6	87.9	87.9	92.6	93.8	95.3	95.9	96.3	97.2	97.6	97.6	97.6	98.1	98.3	98.4
≥ 600	18.9	83.6	87.9	87.9	92.6	93.8	95.3	95.9	96.3	97.2	97.6	97.6	97.6	98.3	98.6	98.8
≥ 500	18.9	83.6	87.9	87.9	92.6	93.8	95.3	95.9	96.3	97.4	97.7	97.7	97.7	98.6	98.8	99.0
≥ 400	18.9	83.6	87.9	87.9	92.6	93.8	95.3	95.9	96.4	97.5	97.8	97.8	97.8	98.7	98.9	99.2
≥ 300	18.9	83.7	88.0	88.0	92.7	93.9	95.5	96.1	96.5	97.6	98.0	98.0	98.0	98.9	99.2	99.5
≥ 200	18.9	83.7	88.0	88.0	92.7	93.9	95.5	96.2	96.7	97.7	98.1	98.1	98.1	99.2	99.4	99.8
≥ 100	18.9	83.7	88.0	88.0	92.7	93.9	95.5	96.2	96.7	97.7	98.1	98.1	98.1	99.3	99.5	100.0
≥ 0	18.9	83.7	88.0	88.0	92.7	93.9	95.5	96.2	96.7	97.7	98.1	98.1	98.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 635

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17405

THULE AB GL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	9.3	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.9
≥ 20000	10.3	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.5
≥ 18000	10.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.7
≥ 16000	10.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.9
≥ 14000	10.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.2
≥ 12000	10.7	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.3
≥ 10000	11.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.6
≥ 9000	11.2	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	43.0
≥ 8000	12.3	46.9	47.6	47.6	47.7	47.9	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.6
≥ 7000	12.6	51.1	51.8	51.8	52.0	52.4	52.4	52.7	52.7	53.1	53.1	53.1	53.5	53.5	53.5	53.6
≥ 6000	13.5	54.1	54.9	55.1	55.7	56.3	56.4	56.9	56.9	57.3	57.3	57.3	57.8	57.8	57.8	57.9
≥ 5000	14.2	61.3	62.4	62.6	63.5	64.3	64.4	65.2	65.2	65.8	65.8	65.8	66.2	66.2	66.2	66.3
≥ 4500	14.6	63.5	64.8	65.0	65.9	66.7	66.8	67.5	67.5	68.1	68.1	68.1	68.6	68.6	68.6	68.7
≥ 4000	14.9	69.1	71.2	71.5	72.6	73.4	73.5	74.2	74.2	74.9	74.9	74.9	75.4	75.4	75.4	75.5
≥ 3500	15.5	72.0	74.7	74.9	76.0	76.8	77.1	78.0	78.0	78.8	78.8	78.8	79.4	79.4	79.4	79.5
≥ 3000	16.7	75.7	78.9	79.1	80.8	81.6	81.9	82.9	82.9	83.7	83.8	83.8	84.4	84.4	84.4	84.5
≥ 2500	17.2	79.8	83.7	83.9	86.5	87.4	87.7	88.8	88.8	89.5	89.6	89.6	90.2	90.2	90.2	90.3
≥ 2000	17.8	81.1	85.3	85.6	89.1	90.0	90.6	91.9	91.9	92.7	92.8	92.8	93.4	93.4	93.4	93.6
≥ 1800	17.9	82.0	86.2	86.4	90.0	90.8	91.4	92.7	92.7	93.6	93.7	93.7	94.3	94.3	94.3	94.4
≥ 1500	17.9	83.1	87.4	87.7	91.8	92.6	93.2	94.5	94.5	95.5	95.6	95.6	96.2	96.2	96.2	96.3
≥ 1200	17.9	83.4	87.7	88.2	92.5	93.3	94.5	95.8	95.8	96.8	96.9	96.9	97.5	97.5	97.5	97.6
≥ 1000	18.3	83.8	88.1	88.5	93.0	93.8	95.2	96.7	96.7	98.1	98.2	98.2	98.8	98.8	98.8	98.9
≥ 900	18.3	83.8	88.1	88.5	93.0	93.8	95.2	96.7	96.7	98.3	98.4	98.4	99.0	99.0	99.0	99.2
≥ 800	18.3	83.8	88.1	88.5	93.0	93.8	95.2	96.7	96.7	98.3	98.4	98.4	99.0	99.0	99.0	99.2
≥ 700	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.6	98.7	98.7	99.3	99.3	99.3	99.4
≥ 600	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.6	98.7	98.7	99.3	99.3	99.3	99.4
≥ 500	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.8	99.0	99.0	99.6	99.6	99.6	99.8
≥ 400	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.8	99.0	99.0	99.8	99.8	99.8	99.9
≥ 300	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.9	99.2	99.2	99.9	99.9	99.9	100.0
≥ 200	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.9	99.2	99.2	99.9	99.9	99.9	100.0
≥ 100	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.9	99.2	99.2	99.9	99.9	99.9	100.0
≥ 0	18.3	83.8	88.1	88.5	93.2	94.0	95.5	96.9	96.9	98.9	99.2	99.2	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17625
STATION

THULE AB GL
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	8.3	35.1	35.1	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.7	35.7
≥ 20000	8.3	36.0	36.0	36.2	36.4	36.4	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.7	36.7
≥ 18000	8.7	38.6	38.6	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.3	39.3
≥ 16000	8.7	38.6	38.6	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.3	39.3
≥ 14000	9.0	39.2	39.2	39.4	39.6	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.9	39.9
≥ 12000	9.1	39.3	39.3	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0
≥ 10000	9.3	40.5	40.5	40.7	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.2	41.2
≥ 9000	9.4	41.6	41.8	42.0	42.1	42.1	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.5	42.5
≥ 8000	10.5	45.9	46.2	46.4	47.0	47.0	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.6	47.7	47.7
≥ 7000	11.0	50.2	50.4	50.6	51.5	51.5	51.7	51.8	51.8	52.2	52.4	52.4	52.5	52.5	52.7	52.7
≥ 6000	11.7	54.2	54.4	54.7	56.2	56.2	56.7	57.3	57.3	57.6	58.0	58.0	58.1	58.1	58.2	58.2
≥ 5000	12.4	61.9	62.5	62.7	64.2	64.2	64.7	65.3	65.3	65.8	66.2	66.2	66.7	66.7	66.8	66.8
≥ 4500	13.1	63.6	64.2	64.5	66.0	66.0	66.5	67.1	67.1	67.5	68.0	68.0	68.5	68.5	68.6	68.6
≥ 4000	13.5	69.1	70.1	70.4	72.5	72.5	73.1	73.7	73.7	74.3	74.7	74.7	75.2	75.2	75.3	75.3
≥ 3500	14.3	72.8	74.5	74.9	77.0	77.0	77.7	78.4	78.4	79.2	79.7	79.7	80.4	80.4	80.5	80.5
≥ 3000	15.5	77.0	78.9	79.2	81.3	81.3	82.1	82.9	82.9	83.9	84.5	84.5	85.2	85.2	85.4	85.4
≥ 2500	15.9	80.9	83.8	84.2	86.9	86.9	87.8	88.8	88.8	89.8	90.4	90.4	91.1	91.1	91.3	91.3
≥ 2000	16.3	82.9	86.4	86.8	89.8	89.8	90.8	91.7	91.7	93.2	93.7	93.7	94.5	94.5	94.6	94.6
≥ 1800	16.3	83.4	86.9	87.2	90.3	90.4	91.4	92.3	92.3	93.7	94.3	94.3	95.0	95.0	95.2	95.2
≥ 1500	16.5	85.0	88.7	89.0	92.1	92.2	93.2	94.1	94.1	95.5	96.1	96.1	96.8	96.8	96.9	96.9
≥ 1200	16.5	85.6	89.3	89.6	92.8	92.9	93.9	94.8	94.8	96.2	96.8	96.8	97.5	97.5	97.6	97.6
≥ 1000	16.9	86.1	89.7	90.1	93.6	93.7	95.3	96.2	96.2	97.8	98.3	98.3	99.1	99.1	99.2	99.2
≥ 900	16.9	86.1	89.7	90.1	93.6	93.7	95.3	96.2	96.2	97.8	98.3	98.3	99.1	99.1	99.2	99.2
≥ 800	16.9	86.2	89.8	90.2	93.7	93.9	95.6	96.6	96.6	98.1	98.7	98.7	99.4	99.4	99.5	99.5
≥ 700	16.9	86.2	89.8	90.2	93.7	93.9	95.6	96.7	96.7	98.2	98.8	98.8	99.5	99.5	99.6	99.6
≥ 600	16.9	86.2	89.8	90.2	93.7	93.9	95.6	96.7	96.7	98.2	98.8	98.8	99.5	99.5	99.6	99.6
≥ 500	16.9	86.2	89.8	90.2	93.7	93.9	95.6	96.7	96.7	98.2	98.8	98.8	99.5	99.5	99.6	99.6
≥ 400	16.9	86.3	90.0	90.3	93.9	94.0	95.7	96.8	96.8	98.3	98.9	98.9	99.6	99.6	99.9	99.9
≥ 300	16.9	86.3	90.0	90.3	93.9	94.0	95.7	96.8	96.8	98.3	98.9	98.9	99.6	99.6	99.9	99.9
≥ 200	16.9	86.3	90.0	90.3	93.9	94.0	95.7	96.8	96.8	98.3	98.9	98.9	99.6	99.6	99.9	99.9
≥ 100	16.9	86.3	90.0	90.3	93.9	94.0	95.7	96.8	96.8	98.3	98.9	98.9	99.6	99.6	100.0	100.0
≥ 0	16.9	86.3	90.0	90.3	93.9	94.0	95.7	96.8	96.8	98.3	98.9	98.9	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 847

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	1.3	35.0	36.0	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5
≥ 20000	1.3	36.4	36.4	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0
≥ 18000	1.3	36.3	38.3	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9
≥ 16000	1.3	38.6	38.6	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2
≥ 14000	1.3	38.8	38.8	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4
≥ 12000	1.3	39.1	39.1	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7
≥ 10000	1.3	40.3	40.3	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9
≥ 9000	1.3	41.1	41.1	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7
≥ 8000	1.3	45.3	45.7	45.8	46.1	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.5	46.5
≥ 7000	1.4	50.2	50.5	50.7	51.4	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.1	52.1
≥ 6000	1.4	53.6	54.8	55.3	56.5	56.8	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.0	58.0
≥ 5000	1.4	59.8	61.4	61.8	63.6	64.0	64.2	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.3	65.3
≥ 4500	1.4	61.5	63.3	63.7	65.5	65.9	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1	67.2
≥ 4000	1.4	66.9	70.0	70.5	72.8	73.1	73.5	74.4	74.4	74.4	74.4	74.4	74.8	75.0	75.3	75.3
≥ 3500	1.4	69.3	72.7	73.1	75.5	75.9	76.2	77.5	77.5	77.5	77.5	77.9	77.9	78.2	78.4	78.5
≥ 3000	1.4	74.0	77.3	77.8	80.9	81.3	82.0	83.4	83.4	83.4	83.4	83.7	83.7	84.1	84.2	84.3
≥ 2500	1.4	77.6	82.3	82.9	86.4	86.9	88.6	89.9	89.9	89.9	89.9	90.2	90.2	90.6	90.7	90.8
≥ 2000	1.9	81.3	86.7	87.4	91.1	91.6	93.7	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.8	96.0
≥ 1800	1.4	81.5	86.8	87.5	91.2	91.7	93.8	95.1	95.1	95.1	95.1	95.5	95.5	95.8	96.0	96.1
≥ 1500	1.9	82.0	87.4	88.2	92.2	92.6	94.8	96.1	96.1	96.1	96.1	96.4	96.4	96.8	96.9	97.0
≥ 1200	1.9	82.3	87.6	88.5	92.4	92.9	95.0	96.8	96.8	96.8	96.8	97.1	97.1	97.5	97.6	97.7
≥ 1000	1.9	82.3	87.6	88.5	92.7	93.2	95.8	97.6	97.6	97.6	97.6	98.0	98.0	98.3	98.5	98.6
≥ 900	1.9	82.3	87.6	88.5	92.7	93.2	95.8	97.6	97.6	97.6	97.6	98.0	98.0	98.3	98.5	98.6
≥ 800	1.9	82.3	87.6	88.5	92.7	93.2	96.0	97.7	97.7	97.7	97.7	98.1	98.1	98.5	98.6	98.7
≥ 700	1.9	82.3	87.6	88.5	92.7	93.2	96.0	97.7	97.7	97.7	97.7	98.1	98.1	98.5	98.6	98.7
≥ 600	1.9	82.3	87.6	88.6	92.9	93.3	96.1	97.9	97.9	97.9	97.9	98.2	98.2	98.6	98.7	98.8
≥ 500	1.9	82.3	87.6	88.6	92.9	93.5	96.2	98.0	98.0	98.0	98.1	98.5	98.5	98.8	98.9	99.0
≥ 400	1.9	82.3	87.6	88.6	93.0	93.6	96.3	98.2	98.2	98.2	98.7	99.0	99.0	99.4	99.5	99.6
≥ 300	1.9	82.3	87.6	88.6	93.0	93.6	96.3	98.3	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0
≥ 200	1.9	82.3	87.6	88.6	93.0	93.6	96.3	98.3	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0
≥ 100	1.9	82.3	87.6	88.6	93.0	93.6	96.3	98.3	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0
≥ 0	1.9	82.3	87.6	88.6	93.0	93.6	96.3	98.3	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 841

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17005
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	5.0	36.7	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
≥ 20000	5.2	37.5	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	38.0	38.0
≥ 18000	5.3	38.9	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.4	39.4	39.4	39.4
≥ 16000	5.4	39.1	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.6	39.6
≥ 14000	5.4	39.3	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.8	39.8
≥ 12000	5.5	39.6	39.6	39.7	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.1	40.1
≥ 10000	5.6	40.5	40.6	40.6	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0
≥ 9000	5.7	41.7	41.9	41.9	42.1	42.1	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.4
≥ 8000	6.3	47.0	47.4	47.5	47.8	47.8	47.9	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.3	48.3
≥ 7000	6.5	51.8	52.3	52.4	52.8	52.9	53.0	53.1	53.2	53.3	53.3	53.3	53.4	53.5	53.6	53.6
≥ 6000	7.0	55.2	56.4	56.5	57.4	57.6	57.9	58.2	58.2	58.3	58.4	58.4	58.6	58.6	58.7	58.7
≥ 5000	7.4	62.0	63.5	63.6	64.8	65.0	65.3	65.7	65.7	65.9	66.0	66.0	66.2	66.3	66.4	66.4
≥ 4500	7.8	64.0	65.6	65.8	67.0	67.2	67.5	67.9	67.9	68.1	68.2	68.2	68.4	68.5	68.6	68.6
≥ 4000	7.9	69.5	72.0	72.2	73.7	74.0	74.3	74.8	74.8	75.1	75.2	75.2	75.4	75.5	75.6	75.6
≥ 3500	8.4	73.0	75.9	76.1	77.8	78.1	78.5	79.1	79.2	79.5	79.6	79.6	79.9	80.0	80.1	80.1
≥ 3000	9.1	77.0	80.3	80.6	82.6	83.0	83.5	84.2	84.3	84.7	84.9	84.9	85.3	85.4	85.5	85.5
≥ 2500	9.3	80.8	84.9	85.2	87.8	88.1	88.8	89.6	89.7	90.1	90.3	90.3	90.7	90.8	90.9	90.9
≥ 2000	9.6	83.1	87.8	88.1	91.2	91.6	92.5	93.3	93.4	93.9	94.1	94.1	94.5	94.6	94.7	94.7
≥ 1800	9.7	83.8	88.5	88.8	92.0	92.5	93.3	94.2	94.2	94.8	95.0	95.0	95.4	95.5	95.6	95.6
≥ 1500	9.8	84.5	89.3	89.7	93.1	93.6	94.6	95.5	95.6	96.2	96.4	96.4	96.8	96.9	97.0	97.0
≥ 1200	9.8	84.7	89.6	90.0	93.5	94.0	95.2	96.1	96.2	96.8	97.0	97.0	97.4	97.5	97.6	97.6
≥ 1000	9.9	84.9	89.9	90.2	93.9	94.4	95.9	96.9	97.0	97.8	98.0	98.0	98.4	98.5	98.6	98.7
≥ 900	9.9	84.9	89.9	90.2	93.9	94.4	95.9	96.9	97.0	97.8	98.0	98.0	98.4	98.5	98.6	98.7
≥ 800	9.9	84.9	89.9	90.3	94.0	94.5	96.0	97.0	97.1	97.9	98.2	98.2	98.6	98.7	98.8	98.9
≥ 700	9.9	84.9	89.9	90.3	94.0	94.6	96.1	97.1	97.2	98.0	98.3	98.3	98.7	98.8	98.9	98.9
≥ 600	9.9	85.0	89.9	90.3	94.0	94.6	96.1	97.1	97.2	98.0	98.3	98.3	98.8	98.9	99.0	99.1
≥ 500	9.9	85.0	89.9	90.3	94.1	94.6	96.2	97.2	97.3	98.2	98.5	98.5	99.0	99.1	99.3	99.3
≥ 400	9.9	85.0	90.0	90.3	94.1	94.7	96.2	97.2	97.3	98.4	98.7	98.7	99.2	99.3	99.5	99.5
≥ 300	9.9	85.0	90.0	90.4	94.2	94.7	96.2	97.3	97.4	98.4	98.7	98.7	99.3	99.3	99.6	99.6
≥ 200	9.9	85.0	90.0	90.4	94.2	94.7	96.2	97.3	97.4	98.4	98.7	98.7	99.4	99.5	99.8	99.8
≥ 100	9.9	85.0	90.0	90.4	94.2	94.7	96.2	97.3	97.4	98.4	98.7	98.7	99.4	99.5	99.9	100.0
≥ 0	9.9	85.0	90.0	90.4	94.2	94.7	96.2	97.3	97.4	98.4	98.7	98.7	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6704

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.8	49.2	49.4	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	1.8	49.6	49.8	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	1.8	49.8	50.1	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	1.8	49.9	50.2	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	1.8	50.1	50.3	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	1.9	50.2	50.4	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	1.9	51.0	51.2	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	1.9	51.0	51.2	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	1.9	53.9	54.5	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	1.9	59.7	60.8	61.1	61.7	61.7	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000	1.9	64.0	65.3	65.5	66.4	66.5	66.8	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	1.9	70.6	72.9	73.1	74.0	74.1	74.7	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	1.9	71.2	73.5	73.8	74.7	75.0	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	2.2	76.9	79.5	79.8	80.9	81.2	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	2.2	79.5	82.4	82.9	83.9	84.3	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	2.2	80.9	84.0	84.5	86.1	86.4	87.1	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	2.2	82.8	85.9	86.4	88.3	88.7	89.4	89.6	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	2.2	84.5	87.7	88.2	90.9	91.3	91.9	92.6	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	2.2	84.9	88.1	88.6	91.3	91.6	92.3	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.7	94.0
≥ 1500	2.2	85.6	88.7	89.2	91.9	92.3	92.9	93.7	93.8	94.2	94.2	94.2	94.2	94.3	94.3	94.7
≥ 1200	2.2	85.9	89.4	89.9	92.5	93.0	93.7	94.4	94.6	94.9	95.1	95.1	95.2	95.2	95.6	95.6
≥ 1000	2.2	86.1	89.5	90.0	92.6	93.2	94.0	95.1	95.3	95.7	95.8	95.8	95.9	95.9	96.3	96.3
≥ 900	2.2	86.1	89.5	90.0	92.8	93.4	94.3	95.3	95.6	95.9	96.1	96.1	96.2	96.2	96.6	96.6
≥ 800	2.2	86.1	89.5	90.0	92.9	93.5	94.8	95.8	96.1	96.5	96.6	96.6	96.7	96.7	97.1	97.1
≥ 700	2.2	86.1	89.5	90.0	92.9	93.5	94.9	95.9	96.2	96.6	96.8	96.8	97.0	97.0	97.3	97.3
≥ 600	2.2	86.1	89.5	90.0	93.2	93.8	95.2	96.2	96.5	96.8	97.1	97.1	97.2	97.2	97.6	97.6
≥ 500	2.2	86.1	89.5	90.0	93.2	93.8	95.2	96.2	96.5	97.1	97.3	97.3	97.6	97.6	98.0	98.0
≥ 400	2.2	86.1	89.5	90.0	93.2	93.8	95.2	96.2	96.5	97.1	97.3	97.3	97.6	97.6	98.0	98.0
≥ 300	2.2	86.1	89.5	90.0	93.2	93.8	95.3	96.3	96.6	97.2	97.6	97.6	97.8	97.8	98.2	98.2
≥ 200	2.2	86.1	89.5	90.0	93.2	93.8	95.6	96.6	96.8	97.5	97.8	97.8	98.1	98.1	98.5	98.5
≥ 100	2.2	86.1	89.5	90.0	93.2	93.8	95.6	96.6	96.8	97.5	97.8	97.8	98.2	98.5	98.9	99.1
≥ 0	2.2	86.1	89.5	90.0	93.2	93.8	95.6	96.6	96.8	97.5	97.8	97.8	98.2	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE A3 GL

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	1.6	47.4	48.6	48.7	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥ 20000	1.6	48.3	49.5	49.6	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
≥ 18000	1.6	49.1	50.3	50.4	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
≥ 16000	1.6	49.5	50.6	50.8	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
≥ 14000	1.6	49.7	50.9	51.0	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1
≥ 12000	1.6	50.0	51.3	51.4	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5
≥ 10000	1.6	50.6	51.9	52.1	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 9000	1.6	51.2	52.5	52.6	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
≥ 8000	1.6	53.9	55.3	55.4	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 7000	1.6	58.3	59.8	60.0	61.5	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.4
≥ 6000	1.6	64.4	66.1	66.2	68.0	68.1	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.3
≥ 5000	1.6	70.7	73.1	73.2	75.0	75.1	75.6	75.6	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.4
≥ 4500	1.6	71.8	74.2	74.5	76.3	76.4	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.8
≥ 4000	1.6	76.3	79.1	79.5	81.9	82.0	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.4	83.4	83.6
≥ 3500	1.6	73.6	81.9	82.4	84.7	84.8	85.6	85.6	85.8	85.9	85.9	85.9	85.9	86.3	86.3	86.7
≥ 3000	1.6	79.5	83.2	83.7	86.1	86.3	87.0	87.3	87.4	87.6	87.6	87.6	87.6	88.1	88.1	88.5
≥ 2500	1.6	81.3	85.2	85.9	88.6	89.1	90.2	90.4	90.5	90.7	90.7	90.8	90.8	91.3	91.3	91.7
≥ 2000	1.6	83.0	86.9	87.7	91.1	91.8	93.0	93.3	93.4	93.5	93.7	93.8	93.8	94.3	94.3	94.9
≥ 1800	1.6	83.3	87.2	88.0	91.3	92.1	93.3	93.8	93.9	94.0	94.2	94.3	94.3	94.8	94.8	95.5
≥ 1500	1.6	83.9	87.8	88.6	92.4	93.3	94.4	95.1	95.2	95.3	95.5	95.6	95.6	96.1	96.1	96.8
≥ 1200	1.6	84.2	88.2	89.0	92.7	93.7	94.8	95.6	95.7	95.9	96.0	96.1	96.6	96.6	97.0	97.3
≥ 1000	1.6	84.5	88.5	89.2	93.0	93.9	95.2	96.2	96.4	96.6	96.6	96.8	96.9	97.5	97.5	98.2
≥ 900	1.6	84.5	88.5	89.2	93.1	94.0	95.3	96.4	96.5	96.8	96.9	97.0	97.7	97.8	98.2	98.4
≥ 800	1.6	84.5	88.5	89.2	93.1	94.0	95.3	96.4	96.5	96.8	96.9	97.0	97.7	97.8	98.2	98.4
≥ 700	1.6	84.5	88.5	89.2	93.1	94.0	95.3	96.4	96.5	96.8	96.9	97.0	97.7	97.8	98.2	98.4
≥ 600	1.6	84.5	88.5	89.2	93.3	94.2	95.5	96.5	96.6	96.9	97.0	97.2	97.8	97.9	98.3	98.6
≥ 500	1.6	84.5	88.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.1	98.4	98.7
≥ 400	1.6	84.5	88.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.1	98.4	98.7
≥ 300	1.6	84.5	88.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.1	98.4	98.7
≥ 200	1.6	84.5	88.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.1	98.4	98.7
≥ 100	1.6	84.5	88.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.2	98.5	99.2
≥ 0	1.6	84.5	89.5	89.4	93.4	94.3	95.6	96.6	96.8	97.0	97.2	97.3	97.9	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	1.6	52.4	53.2	53.2	53.5	53.6	53.6	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
≥ 18000	1.6	52.9	53.7	53.7	54.0	54.1	54.1	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	1.6	53.6	54.4	54.4	54.6	54.8	54.8	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 14000	1.6	53.8	54.6	54.6	54.9	55.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 12000	1.6	54.2	55.1	55.1	55.3	55.4	55.4	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 10000	1.6	54.4	55.1	55.1	55.4	55.5	55.5	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
≥ 9000	1.6	54.8	55.5	55.5	55.8	55.9	55.9	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 8000	1.6	55.3	56.2	56.2	56.5	56.6	56.6	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
≥ 7000	1.6	57.9	58.9	58.9	59.3	59.5	59.5	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 6000	1.6	62.8	64.5	64.7	65.3	65.4	65.6	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.6
≥ 5000	1.6	67.9	70.3	70.5	71.6	71.7	71.8	72.1	72.5	72.6	72.8	72.8	72.9	72.9	73.0	73.1
≥ 4500	1.6	75.0	78.2	78.6	80.1	80.2	80.3	80.6	81.0	81.1	81.2	81.2	81.4	81.4	81.5	81.7
≥ 4000	1.6	75.9	79.1	79.5	81.2	81.4	81.5	81.7	82.1	82.5	82.7	82.7	82.8	82.9	82.9	83.2
≥ 3500	1.6	79.0	82.5	82.9	84.9	85.0	85.3	85.5	85.9	86.3	86.6	86.6	86.7	86.7	86.8	87.1
≥ 3000	1.6	80.2	84.1	84.6	86.7	86.8	87.1	87.4	87.7	88.1	88.4	88.4	88.5	88.5	88.7	88.9
≥ 2500	1.6	81.4	85.9	86.3	88.4	88.5	88.8	89.0	89.4	89.8	90.1	90.1	90.2	90.2	90.4	90.6
≥ 2000	1.6	82.7	87.2	87.7	90.1	90.5	90.7	91.0	91.4	91.8	92.0	92.0	92.1	92.2	92.3	92.6
≥ 1800	1.6	83.7	88.4	89.2	92.2	92.7	93.1	93.6	94.0	94.4	94.7	94.7	94.8	94.8	94.9	95.2
≥ 1500	1.6	84.7	89.4	90.2	93.2	93.7	94.3	94.9	95.3	95.7	96.0	96.0	96.1	96.1	96.2	96.5
≥ 1200	1.6	85.7	90.6	91.4	94.5	95.0	95.6	96.2	96.6	97.0	97.3	97.3	97.4	97.4	97.5	97.6
≥ 1000	1.6	85.8	90.7	91.5	94.7	95.2	95.7	96.5	96.9	97.3	97.5	97.5	97.7	97.7	97.8	98.0
≥ 900	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.3	97.7	97.9	97.9	98.0	98.0	98.3	98.6
≥ 800	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.3	97.7	97.9	97.9	98.0	98.0	98.6	98.9
≥ 700	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 600	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 500	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 400	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 300	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 200	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 100	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0
≥ 0	1.6	85.8	90.7	91.5	94.7	95.2	96.0	96.7	97.4	97.8	98.0	98.0	98.2	98.2	98.7	99.0

TOTAL NUMBER OF OBSERVATIONS

767

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17635

THULE AB GL

69-70,73-80

NCJ

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/4	≥ 0
NO CEILING	8.4	48.1	48.1	48.1	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	8.4	48.1	48.1	48.1	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	8.4	48.5	48.5	48.5	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 6000	8.4	48.9	48.9	48.9	49.0	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	8.4	49.0	49.0	49.0	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	8.4	49.6	49.6	49.7	49.8	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 10000	8.4	50.1	50.1	50.2	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	8.4	50.3	50.3	50.4	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 8000	8.7	53.6	53.8	53.9	54.2	54.2	54.3	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8
≥ 7000	8.7	58.4	59.3	59.4	59.9	60.0	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.9	60.8	60.8
≥ 6000	8.7	65.1	66.3	66.5	67.0	67.3	67.4	67.8	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
≥ 5000	8.8	73.1	75.1	75.4	76.5	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.8	77.9
≥ 4500	8.8	74.5	76.5	76.8	77.9	78.2	78.3	78.8	78.8	78.8	78.8	78.8	79.2	79.2	79.3	79.4
≥ 4000	9.1	76.6	79.1	79.3	80.6	80.8	81.0	81.6	81.6	81.6	81.6	81.6	82.0	82.0	82.1	82.2
≥ 3500	9.3	78.5	81.2	81.5	82.9	83.1	83.3	83.9	83.9	83.9	83.9	83.9	84.3	84.3	84.4	84.5
≥ 3000	9.7	80.8	83.8	84.0	85.6	85.8	86.0	86.6	86.6	86.6	86.6	86.6	87.0	87.0	87.1	87.2
≥ 2500	10.2	83.0	86.2	86.5	88.4	88.6	88.8	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.2	90.3
≥ 2000	10.2	85.1	88.4	88.6	91.1	91.4	91.7	92.6	92.6	92.6	92.6	92.6	93.0	93.0	93.1	93.2
≥ 1800	10.2	86.0	89.5	89.8	92.3	92.7	93.0	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.4	94.5
≥ 1500	10.2	86.7	90.9	91.3	95.0	95.4	95.9	96.8	96.8	96.9	96.9	96.9	97.3	97.3	97.4	97.6
≥ 1200	10.2	87.4	91.6	92.0	95.7	96.0	96.7	97.6	97.6	97.7	97.7	97.7	98.1	98.1	98.2	98.3
≥ 1000	10.2	87.4	91.6	92.0	95.7	96.0	96.8	97.8	97.8	98.0	98.0	98.0	98.3	98.3	98.5	98.6
≥ 900	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.5	98.5	98.6	98.7
≥ 800	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.5	98.5	98.7	98.9
≥ 700	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.5	98.5	98.7	98.9
≥ 600	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.5	98.5	98.7	98.9
≥ 500	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.7	98.7	99.0	99.1
≥ 400	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.7	98.7	99.0	99.1
≥ 300	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.9	98.9	99.1	99.2
≥ 200	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.9	98.9	99.1	99.4
≥ 100	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.9	98.9	99.1	99.4
≥ 0	10.2	87.5	91.7	92.1	95.8	96.2	96.9	98.0	98.0	98.1	98.1	98.1	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
17- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17405
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1270-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥⅙	≥⅓	≥0
NO CEILING	9.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	9.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	9.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	9.6	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	9.6	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	9.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	9.7	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000	9.7	48.2	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 8000	10.6	51.9	52.0	52.0	52.2	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	10.6	55.2	56.0	56.0	56.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	10.6	61.1	62.8	63.0	64.2	64.3	64.7	65.0	65.1	65.2	65.2	65.2	65.2	65.5	65.5	65.5
≥ 5000	11.1	68.5	71.4	71.6	73.8	73.9	74.3	74.8	74.9	75.1	75.1	75.1	75.1	75.3	75.3	75.3
≥ 4500	11.1	69.2	72.1	72.4	74.7	74.8	75.2	75.7	75.8	76.0	76.0	76.0	76.0	76.2	76.2	76.2
≥ 4000	11.1	70.3	73.7	73.9	76.7	76.9	77.2	77.7	78.0	78.1	78.1	78.1	78.1	78.4	78.4	78.4
≥ 3500	11.9	73.5	77.2	77.5	80.7	80.8	81.2	81.7	82.0	82.1	82.1	82.1	82.1	82.4	82.4	82.4
≥ 3000	12.8	77.2	81.5	81.7	85.4	85.7	86.2	86.7	87.0	87.1	87.1	87.1	87.1	87.3	87.3	87.3
≥ 2500	13.9	79.4	84.1	84.4	88.7	89.1	89.8	90.3	90.5	90.7	90.7	90.7	90.7	90.9	90.9	90.9
≥ 2000	14.1	82.0	86.8	87.1	91.7	92.1	92.8	93.4	93.9	94.0	94.0	94.0	94.0	94.5	94.5	94.5
≥ 1800	14.1	82.4	87.2	87.5	92.1	92.5	93.4	93.9	94.4	94.5	94.5	94.5	94.5	95.0	95.0	95.0
≥ 1500	14.1	82.9	89.1	88.4	93.9	94.2	95.5	96.0	96.5	96.7	96.7	96.7	96.7	97.2	97.2	97.2
≥ 1200	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.8	97.3	97.4	97.4	97.4	97.4	98.0	98.0	98.0
≥ 1000	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.4	97.6	97.6	97.6	97.6	98.1	98.1	98.1
≥ 900	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.4	97.6	97.6	97.6	97.6	98.1	98.1	98.1
≥ 800	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.6
≥ 700	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.6
≥ 600	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.6
≥ 500	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.6
≥ 400	14.1	83.4	88.7	89.0	94.5	94.9	96.2	96.9	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.7
≥ 300	14.1	83.4	89.7	89.0	94.5	94.9	96.2	97.1	97.7	98.2	98.2	98.2	98.2	99.1	99.1	99.2
≥ 200	14.1	83.4	88.7	89.0	94.5	94.9	96.2	97.1	97.7	98.2	98.2	98.2	98.2	99.1	99.1	99.4
≥ 100	14.1	83.4	88.7	89.0	94.5	94.9	96.2	97.1	97.7	98.2	98.2	98.2	98.2	99.1	99.1	99.4
≥ 0	14.1	83.4	88.7	89.0	94.5	94.9	96.2	97.1	97.7	98.2	98.2	98.2	98.2	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17075

THULE AB GL

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	5.9	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	5.9	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	5.9	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	5.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 14000	5.9	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	5.9	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 10000	5.9	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.8	49.8	49.8
≥ 9500	5.9	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.3	50.3	50.3
≥ 8000	6.6	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.7	53.7	53.9	53.9	54.1	54.1	54.1	54.1
≥ 7000	6.6	55.9	56.8	56.8	57.1	57.1	57.1	57.1	57.5	57.8	57.9	57.9	58.2	58.2	58.2	58.2
≥ 6000	6.6	62.2	63.3	63.3	64.3	64.5	64.5	64.5	64.9	65.1	65.2	65.2	65.7	65.7	65.7	65.9
≥ 5000	6.6	70.3	72.4	72.4	74.1	74.3	74.3	74.3	74.7	75.0	75.1	75.1	75.7	75.7	75.7	75.9
≥ 4500	7.1	71.3	73.5	73.5	75.1	75.3	75.3	75.3	75.7	76.0	76.1	76.1	76.7	76.7	76.7	76.9
≥ 4000	7.1	72.6	75.0	75.0	77.2	77.5	77.9	78.0	78.4	78.6	78.8	78.8	79.4	79.4	79.4	79.5
≥ 3500	7.7	76.7	79.5	79.5	82.0	82.3	82.7	82.8	83.2	83.4	83.7	83.7	84.3	84.3	84.3	84.5
≥ 3000	7.8	78.4	82.0	82.0	84.6	84.8	85.3	85.5	85.8	86.2	86.5	86.5	87.1	87.1	87.1	87.2
≥ 2500	8.1	79.9	84.2	84.5	87.1	87.5	88.0	88.1	88.5	89.0	89.3	89.3	89.9	89.9	89.9	90.0
≥ 2000	8.1	81.8	86.3	86.6	90.1	90.5	91.0	91.3	91.7	92.2	92.8	92.8	93.4	93.4	93.4	93.6
≥ 1800	8.1	81.9	87.0	87.2	91.0	91.7	92.4	92.8	93.2	93.7	94.3	94.3	94.9	94.9	94.9	95.1
≥ 1500	8.1	82.6	87.7	88.0	92.5	93.2	94.2	94.7	95.1	95.7	96.3	96.3	97.0	97.0	97.2	97.3
≥ 1200	8.1	83.1	88.2	88.5	93.0	93.7	94.7	95.2	95.6	96.2	96.8	96.8	97.5	97.5	97.7	97.9
≥ 1000	8.1	83.1	88.2	88.5	93.0	93.7	94.7	95.2	95.7	96.3	97.0	97.0	97.6	97.6	97.9	98.0
≥ 900	8.1	83.1	88.2	88.5	93.0	93.7	94.7	95.2	95.8	96.5	97.1	97.1	97.7	97.7	98.0	98.1
≥ 800	8.1	83.2	88.5	88.7	93.4	94.1	95.1	95.6	96.2	96.8	97.5	97.5	98.2	98.2	98.5	98.6
≥ 700	8.1	83.2	88.5	88.7	93.4	94.1	95.1	95.6	96.2	96.8	97.5	97.5	98.2	98.2	98.5	98.6
≥ 600	8.1	83.2	88.5	88.7	93.4	94.1	95.1	95.6	96.2	96.8	97.5	97.5	98.2	98.2	98.5	98.6
≥ 500	8.1	83.2	88.5	88.7	93.4	94.1	95.1	95.6	96.2	97.0	97.6	97.6	98.4	98.4	98.6	98.7
≥ 400	8.1	83.2	88.6	88.9	93.6	94.2	95.2	95.8	96.5	97.2	97.9	97.9	98.6	98.6	98.9	99.0
≥ 300	8.1	83.3	88.7	89.0	93.7	94.3	95.3	96.0	96.6	97.3	98.1	98.1	98.9	98.9	99.1	99.2
≥ 200	8.1	83.3	88.7	89.0	93.7	94.3	95.3	96.0	96.6	97.3	98.1	98.1	98.9	98.9	99.1	99.2
≥ 100	8.1	83.3	88.7	89.0	93.7	94.3	95.3	96.0	96.6	97.3	98.1	98.1	98.9	98.9	99.1	99.7
≥ 0	8.1	83.3	88.7	89.0	93.7	94.3	95.3	96.0	96.6	97.3	98.1	98.1	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17000
STATION

THULE AB GL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0
NO CEILING	1.4	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.7
≥ 20000	1.6	47.5	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1
≥ 18000	1.5	47.9	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
≥ 16000	1.6	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6
≥ 14000	1.5	48.3	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 12000	1.6	48.3	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 10000	1.6	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.9
≥ 9000	1.6	49.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5
≥ 8000	1.8	52.2	52.5	52.7	53.1	53.1	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1
≥ 7000	1.8	57.5	57.9	58.2	58.5	58.5	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.0
≥ 6000	1.9	63.3	64.0	64.2	64.6	65.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.2
≥ 5000	1.9	71.5	73.1	73.3	74.0	74.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.6
≥ 4500	1.9	72.8	74.5	74.7	75.4	75.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	78.0
≥ 4000	1.9	76.4	78.1	78.4	79.4	79.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.1
≥ 3500	1.9	80.1	82.1	82.4	83.5	83.9	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.7
≥ 3000	1.9	82.6	85.4	85.6	86.8	87.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.9
≥ 2500	1.9	83.4	86.7	87.0	88.5	88.9	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.5	91.6
≥ 2000	1.9	85.8	89.5	90.0	92.1	92.6	93.8	94.4	94.4	94.4	94.4	94.7	94.8	94.9	96.0
≥ 1800	1.9	85.9	89.6	90.2	92.2	92.7	93.9	94.7	94.7	94.7	94.9	94.9	95.1	95.2	96.2
≥ 1500	1.9	86.3	90.4	90.9	93.0	93.5	95.1	95.9	95.9	95.9	96.1	96.1	96.2	96.4	97.4
≥ 1200	1.9	86.3	90.4	90.9	93.0	93.5	95.1	95.9	95.9	95.9	96.1	96.1	96.2	96.4	97.4
≥ 1000	1.9	86.3	90.4	90.9	93.0	93.5	95.1	95.9	95.9	95.9	96.2	96.5	96.5	96.8	97.9
≥ 900	1.9	86.4	90.5	91.1	93.1	93.7	95.2	96.0	96.0	96.0	96.4	96.6	96.6	96.9	98.1
≥ 800	1.9	86.4	90.5	91.1	93.1	93.7	95.2	96.0	96.0	96.0	96.4	96.6	96.6	96.9	98.1
≥ 700	1.9	86.7	90.8	91.3	93.4	93.9	95.5	96.2	96.2	96.2	96.6	96.9	96.9	97.2	98.3
≥ 600	1.9	86.7	90.8	91.3	93.4	93.9	95.5	96.2	96.2	96.2	96.6	96.9	96.9	97.2	98.3
≥ 500	1.9	86.7	90.8	91.3	93.4	93.9	95.6	96.4	96.4	96.4	96.9	97.2	97.2	97.4	98.6
≥ 400	1.9	86.7	90.8	91.3	93.4	93.9	95.6	96.4	96.4	96.4	96.9	97.2	97.2	97.4	98.6
≥ 300	1.9	86.7	90.9	91.5	93.5	94.0	95.7	96.5	96.5	96.5	97.0	97.3	97.3	97.7	98.8
≥ 200	1.9	86.7	90.9	91.5	93.5	94.0	95.7	96.5	96.5	96.5	97.0	97.3	97.3	97.7	98.8
≥ 100	1.9	86.7	90.9	91.5	93.5	94.0	95.7	96.5	96.5	96.5	97.0	97.3	97.3	97.7	99.0
≥ 0	1.9	86.7	90.9	91.5	93.5	94.0	95.7	96.5	96.5	96.5	97.0	97.3	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17625

THULE AB GL

69-70,73-80

NCV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	2.2	47.3	47.7	47.8	49.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	2.2	47.4	47.8	47.9	48.2	48.2	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	49.5	48.5
≥ 18000	2.2	48.1	48.5	48.6	48.8	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	2.2	48.1	48.5	48.6	48.8	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	2.4	48.6	49.0	49.1	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	2.4	48.6	49.0	49.1	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	2.4	49.2	49.6	49.7	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.7
≥ 9000	2.4	49.5	49.9	50.0	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 8000	2.4	52.4	52.9	53.1	53.5	53.5	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 7000	2.4	58.1	59.6	58.7	59.1	59.1	59.6	59.7	59.7	59.9	59.9	59.9	59.9	60.0	60.0	60.1
≥ 6000	2.4	62.6	63.6	63.7	64.4	64.7	65.8	65.9	65.9	66.3	66.3	66.3	66.3	66.5	66.5	66.8
≥ 5000	2.4	70.8	72.8	72.9	74.0	74.4	75.8	75.9	75.9	76.3	76.3	76.3	76.3	76.8	76.8	77.1
≥ 4500	2.4	71.8	73.8	74.0	75.0	75.4	76.8	76.9	76.9	77.3	77.3	77.3	77.3	77.8	77.8	78.1
≥ 4000	2.4	76.2	78.2	78.3	79.7	80.1	81.7	81.8	81.8	82.2	82.2	82.2	82.2	82.7	82.7	82.9
≥ 3500	2.4	79.2	81.3	81.5	83.2	83.6	85.1	85.3	85.3	85.6	85.6	85.6	85.6	86.2	86.2	86.4
≥ 3000	2.4	81.9	84.5	84.9	86.9	87.3	88.8	89.0	89.0	89.5	89.5	89.5	89.5	90.0	90.0	90.3
≥ 2500	2.4	82.8	85.5	85.9	88.1	88.5	90.1	90.3	90.3	90.9	90.9	90.9	90.9	91.4	91.4	91.7
≥ 2000	2.4	84.0	87.2	87.7	90.4	90.8	92.3	93.1	93.1	93.7	93.7	93.7	93.7	94.6	94.6	94.9
≥ 1800	2.4	84.0	87.2	87.7	90.4	90.8	92.3	93.2	93.3	94.0	94.0	94.0	94.0	94.9	94.9	95.0
≥ 1500	2.4	84.5	87.8	88.5	91.3	91.7	93.2	94.1	94.4	95.0	95.0	95.0	95.0	95.9	95.9	96.2
≥ 1200	2.4	84.9	88.2	88.8	91.7	92.1	93.6	94.5	94.9	95.5	95.5	95.5	95.5	96.4	96.4	96.7
≥ 1000	2.4	84.9	88.3	89.0	91.8	92.2	93.8	94.7	95.1	96.3	96.3	96.3	96.3	97.2	97.2	97.4
≥ 900	2.4	85.0	88.5	89.1	91.9	92.3	94.0	94.9	95.3	96.4	96.4	96.4	96.4	97.3	97.3	97.6
≥ 800	2.4	85.0	88.5	89.1	91.9	92.3	94.2	95.1	95.5	96.7	96.7	96.7	96.7	97.6	97.6	97.8
≥ 700	2.4	85.0	88.5	89.1	91.9	92.3	94.2	95.1	95.5	96.7	96.7	96.7	96.7	97.6	97.6	97.8
≥ 600	2.4	85.0	88.5	89.1	91.9	92.3	94.2	95.1	95.5	96.7	96.7	96.7	96.7	97.6	97.6	97.8
≥ 500	2.4	85.0	88.5	89.1	91.9	92.3	94.4	95.3	95.6	96.8	97.1	97.1	97.1	97.9	97.9	98.2
≥ 400	2.4	85.1	88.6	89.2	92.1	92.4	94.5	95.4	95.8	96.9	97.2	97.2	97.2	98.1	98.1	98.3
≥ 300	2.4	85.1	88.6	89.2	92.1	92.4	94.5	95.4	95.8	96.9	97.2	97.2	97.2	98.1	98.1	98.3
≥ 200	2.4	85.1	88.6	89.2	92.1	92.4	94.5	95.4	95.8	96.9	97.2	97.2	97.2	98.1	98.1	98.3
≥ 100	2.4	85.1	88.6	89.2	92.1	92.4	94.5	95.4	95.8	96.9	97.2	97.2	97.2	98.1	98.1	98.3
≥ 0	2.4	85.1	88.6	89.2	92.1	92.4	94.5	95.4	95.8	96.9	97.2	97.2	97.2	98.1	98.1	98.3

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	4.1	48.0	48.4	48.5	49.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	4.1	48.4	48.8	48.8	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	4.1	49.0	49.4	49.5	49.7	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	4.1	49.2	49.6	49.6	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 14000	4.1	49.5	49.8	49.9	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 12000	4.2	49.7	50.0	50.1	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	4.2	50.2	50.6	50.7	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 9000	4.2	50.6	51.0	51.1	51.4	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 8000	4.4	53.5	54.2	54.3	54.6	54.6	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 7000	4.4	58.2	59.2	59.3	60.0	60.1	60.3	60.4	60.6	60.6	60.6	60.6	60.7	60.7	60.9	60.9
≥ 6000	4.4	63.8	65.2	65.4	66.3	66.5	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.6	67.8	67.9
≥ 5000	4.5	71.3	73.6	73.8	75.2	75.4	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.7	76.8	77.0
≥ 4500	4.6	72.3	74.6	74.9	76.3	76.5	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.9	78.0	78.2
≥ 4000	4.6	75.5	78.1	78.4	80.1	80.4	81.0	81.3	81.5	81.6	81.7	81.7	81.7	82.0	82.1	82.3
≥ 3500	4.8	79.3	81.2	81.5	83.5	83.7	84.4	84.7	84.8	85.0	85.1	85.1	85.3	85.4	85.5	85.7
≥ 3000	5.0	80.3	83.8	84.1	86.2	86.5	87.2	87.5	87.7	87.9	88.0	88.0	88.3	88.3	88.4	88.6
≥ 2500	5.3	81.9	85.6	86.0	88.5	88.9	89.6	90.0	90.1	90.4	90.5	90.5	90.8	90.8	90.9	91.1
≥ 2000	5.3	83.7	87.7	88.1	91.2	91.6	92.4	93.0	93.2	93.5	93.6	93.7	94.1	94.1	94.3	94.5
≥ 1800	5.3	84.1	88.1	88.6	91.7	92.2	93.1	93.8	94.0	94.2	94.4	94.4	94.8	94.9	95.1	95.2
≥ 1500	5.3	84.7	89.0	89.5	93.1	93.6	94.6	95.3	95.5	95.8	96.0	96.0	96.4	96.4	96.7	96.9
≥ 1200	5.3	85.1	89.4	89.9	93.5	94.0	95.0	95.8	96.0	96.3	96.5	96.5	97.0	97.0	97.2	97.4
≥ 1000	5.3	85.2	89.5	90.0	93.5	94.1	95.2	96.1	96.3	96.8	97.0	97.0	97.4	97.4	97.7	97.9
≥ 900	5.3	85.2	89.5	90.1	93.6	94.2	95.3	96.2	96.5	96.9	97.1	97.1	97.5	97.6	97.9	98.0
≥ 800	5.3	85.2	89.6	90.1	93.7	94.2	95.5	96.3	96.6	97.1	97.3	97.3	97.8	97.9	98.1	98.3
≥ 700	5.3	85.2	89.6	90.1	93.7	94.3	95.5	96.4	96.7	97.2	97.4	97.4	97.9	97.9	98.2	98.4
≥ 600	5.3	85.2	89.6	90.1	93.8	94.3	95.6	96.4	96.7	97.2	97.4	97.4	97.9	98.0	98.3	98.4
≥ 500	5.3	85.2	89.6	90.1	93.8	94.3	95.6	96.5	96.8	97.3	97.6	97.6	98.1	98.2	98.4	98.6
≥ 400	5.3	85.3	89.6	90.2	93.8	94.4	95.6	96.5	96.8	97.4	97.6	97.6	98.1	98.2	98.5	98.7
≥ 300	5.3	85.3	89.7	90.2	93.8	94.4	95.7	96.6	96.9	97.5	97.7	97.7	98.3	98.4	98.7	98.8
≥ 200	5.3	85.3	89.7	90.2	93.8	94.4	95.7	96.6	96.9	97.5	97.7	97.8	98.4	98.4	98.7	98.9
≥ 100	5.3	85.3	89.7	90.2	93.8	94.4	95.7	96.6	96.9	97.5	97.7	97.8	98.4	98.5	98.8	99.0
≥ 0	5.3	85.3	89.7	90.2	93.8	94.4	95.7	96.6	96.9	97.5	97.7	97.8	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6236

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.9	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	2.9	53.9	53.9	53.9	54.3	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	2.9	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	2.9	54.7	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	2.9	55.2	55.3	55.3	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	2.9	55.6	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	2.9	55.9	56.1	56.1	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	2.9	56.1	56.4	56.5	57.1	57.1	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	2.9	61.1	61.4	61.5	62.1	62.2	62.7	62.7	62.7	62.8	62.8	62.8	63.1	63.1	63.1	63.1
≥ 7000	2.9	65.3	65.8	65.9	67.5	67.9	68.4	68.4	68.4	68.5	68.5	68.5	68.8	68.8	68.8	68.8
≥ 6000	2.9	69.0	70.3	70.5	72.4	72.8	73.2	73.2	73.2	73.5	73.5	73.5	73.8	73.8	73.8	73.8
≥ 5000	2.9	79.3	81.5	81.7	84.3	84.7	85.5	85.5	85.7	86.0	86.0	86.0	86.3	86.3	86.3	86.3
≥ 4500	2.9	80.3	82.5	82.8	85.5	85.9	86.7	86.7	86.9	87.2	87.2	87.2	87.5	87.5	87.5	87.5
≥ 4000	2.9	81.5	84.1	84.3	87.2	87.5	88.3	88.3	88.6	88.8	88.8	88.8	89.2	89.2	89.2	89.2
≥ 3500	2.9	82.6	85.3	85.5	88.5	88.8	89.7	89.7	89.9	90.1	90.1	90.1	90.5	90.5	90.5	90.5
≥ 3000	2.9	82.6	85.4	85.6	88.8	89.4	90.4	90.4	90.6	90.8	90.8	90.8	91.2	91.2	91.2	91.2
≥ 2500	2.9	84.1	86.8	87.0	90.4	91.0	91.9	91.9	92.2	92.4	92.4	92.4	92.7	92.7	92.7	92.7
≥ 2000	2.9	85.0	87.8	88.0	91.4	92.0	93.0	93.0	93.2	93.5	93.5	93.5	93.8	93.8	93.8	93.8
≥ 1800	2.9	85.0	87.8	88.0	91.4	92.0	93.0	93.1	93.3	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 1500	2.9	85.3	88.0	88.2	91.8	92.4	93.7	93.8	94.1	94.4	94.4	94.4	94.8	94.8	94.8	94.8
≥ 1200	2.9	85.5	88.6	88.8	92.4	93.0	94.3	94.4	94.6	95.1	95.1	95.1	95.5	95.5	95.5	95.5
≥ 1000	2.9	86.0	89.1	89.3	92.9	93.5	94.8	95.0	95.2	96.0	96.0	96.0	96.4	96.4	96.4	96.4
≥ 900	2.9	86.1	89.2	89.4	93.0	93.6	94.9	95.1	95.4	96.1	96.1	96.1	96.6	96.6	96.6	96.6
≥ 800	2.9	86.1	89.2	89.4	93.0	93.6	94.9	95.1	95.4	96.2	96.2	96.2	96.7	96.7	96.7	96.7
≥ 700	2.9	86.1	89.2	89.4	93.0	93.6	94.9	95.1	95.4	96.2	96.2	96.2	96.7	96.7	96.7	96.7
≥ 600	2.9	86.1	89.2	89.4	93.0	93.6	94.9	95.1	95.4	96.2	96.2	96.2	96.7	96.7	96.7	96.7
≥ 500	2.9	86.1	89.2	89.4	93.0	93.6	95.4	95.7	96.0	96.8	96.8	96.8	97.5	97.5	97.7	97.7
≥ 400	2.9	86.1	89.2	89.4	93.0	93.6	95.4	96.0	96.2	97.1	97.3	97.3	98.2	98.2	98.5	98.5
≥ 300	2.9	86.1	89.2	89.4	93.0	93.6	95.4	96.0	96.2	97.3	97.4	97.4	98.3	98.3	98.6	98.6
≥ 200	2.9	86.1	89.2	89.4	93.0	93.6	95.4	96.0	96.2	97.3	97.4	97.4	98.6	98.6	98.9	99.2
≥ 100	2.9	86.1	89.2	89.4	93.0	93.6	95.5	96.1	96.3	97.4	97.5	97.5	98.8	98.8	99.2	99.6
≥ 0	2.9	86.1	89.2	89.4	93.0	93.6	95.5	96.1	96.3	97.4	97.5	97.5	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 841

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.2	52.7	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 20000	3.2	53.3	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 18000	3.2	53.4	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 16000	3.2	53.4	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 14000	3.2	53.4	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 12000	3.2	54.1	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 10000	3.2	54.7	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7
≥ 9000	3.2	55.2	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 8000	3.2	59.5	60.2	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.8
≥ 7000	3.2	65.7	67.0	67.0	67.3	67.3	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 6000	3.2	69.0	71.9	71.9	72.8	72.8	73.1	73.1	73.1	73.2	73.5	73.7	73.7	73.7	73.7	73.8
≥ 5000	3.2	73.8	82.4	82.4	84.1	84.1	84.9	84.9	85.0	85.2	85.6	85.7	85.7	85.7	85.7	85.8
≥ 4500	3.2	80.7	84.4	84.4	86.2	86.2	86.9	86.9	87.0	87.2	87.6	87.7	87.7	87.8	87.8	88.1
≥ 4000	3.2	81.6	85.8	86.1	88.3	88.6	89.5	89.5	89.6	89.9	90.5	90.6	90.6	90.7	90.7	90.9
≥ 3500	3.2	82.1	86.4	86.7	89.0	89.3	90.2	90.2	90.3	90.6	91.2	91.3	91.3	91.4	91.4	91.7
≥ 3000	3.2	82.4	86.8	87.0	89.5	89.9	90.8	90.8	90.9	91.2	91.8	91.9	91.9	92.0	92.0	92.3
≥ 2500	3.2	83.1	87.5	87.7	90.2	90.6	91.5	91.5	91.7	91.9	92.5	92.6	92.6	92.7	92.7	93.0
≥ 2000	3.2	84.3	88.9	89.2	91.8	92.1	93.1	93.3	93.4	93.8	94.4	94.5	94.5	94.6	94.6	94.9
≥ 1800	3.2	84.4	89.0	89.3	91.9	92.3	93.4	93.8	93.9	94.3	94.9	95.0	95.0	95.1	95.1	95.4
≥ 1500	3.2	84.4	89.0	89.3	92.0	92.5	94.0	94.4	94.5	94.9	95.5	95.6	95.6	95.7	95.7	95.7
≥ 1200	3.2	84.4	89.3	89.5	92.3	92.7	94.3	95.0	95.1	95.5	96.1	96.2	96.2	96.3	96.3	96.5
≥ 1000	3.2	84.4	89.3	89.5	92.3	92.7	94.3	95.0	95.1	95.5	96.1	96.2	96.3	96.4	96.4	96.7
≥ 900	3.2	84.4	89.3	89.5	92.3	92.7	94.3	95.0	95.1	95.5	96.1	96.2	96.3	96.4	96.4	96.7
≥ 800	3.2	84.5	89.4	89.6	92.4	92.8	94.4	95.1	95.2	95.6	96.2	96.3	96.4	96.5	96.5	96.3
≥ 700	3.2	84.9	89.7	90.0	92.7	93.2	94.8	95.5	95.6	95.9	96.5	96.7	96.8	96.9	96.9	97.1
≥ 600	3.2	84.9	89.7	90.0	92.7	93.2	94.8	95.5	95.6	95.9	96.7	96.8	96.9	97.0	97.0	97.4
≥ 500	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.5	97.3	97.5	97.6	97.7	98.1	98.6
≥ 400	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.7	97.4	97.6	97.7	97.9	98.3	98.9
≥ 300	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.7	97.4	97.6	97.7	97.9	98.3	98.9
≥ 200	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.7	97.4	97.6	98.0	98.1	98.6	99.2
≥ 100	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.8	97.5	97.7	98.1	98.2	98.7	99.5
≥ 0	3.2	84.9	89.7	90.0	92.7	93.2	95.1	95.9	96.1	96.8	97.5	97.7	98.1	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17685

THULE AB GL

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	2.9	56.2	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	2.9	56.5	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	2.9	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	2.9	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.7
≥ 14000	2.9	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.9
≥ 12000	2.9	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.6
≥ 10000	2.9	57.7	58.0	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2	59.3
≥ 9000	2.9	58.0	58.3	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.7
≥ 8000	2.9	60.5	61.0	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.4
≥ 7000	2.9	66.3	67.0	67.2	68.8	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.6
≥ 6000	2.9	70.5	72.4	72.9	75.2	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.2	76.4
≥ 5000	2.9	79.8	82.1	82.6	85.4	85.5	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.9	87.2	87.3
≥ 4500	2.9	81.4	83.8	84.3	87.0	87.2	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.6	88.8	89.0
≥ 4000	2.9	82.4	84.8	85.5	88.5	88.7	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.5	90.8	91.0
≥ 3500	2.9	82.4	84.8	85.5	88.5	88.7	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.5	90.8	91.0
≥ 3000	2.9	82.8	85.2	86.0	89.0	89.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	91.0	91.2	91.4
≥ 2500	2.9	83.7	86.3	87.0	90.5	90.8	91.7	92.2	92.2	92.6	92.6	92.6	92.6	92.9	93.2	93.4
≥ 2000	2.9	84.6	87.4	88.1	91.6	91.8	93.0	93.9	93.9	94.2	94.2	94.2	94.2	94.6	94.8	95.0
≥ 1800	2.9	84.8	87.5	88.2	91.7	92.0	93.4	94.2	94.2	94.6	94.6	94.6	94.6	95.0	95.2	95.4
≥ 1500	2.9	84.9	87.6	88.4	92.0	92.2	93.9	94.7	94.7	95.1	95.1	95.1	95.1	95.4	95.7	95.9
≥ 1200	2.9	85.0	88.1	88.8	92.7	92.9	94.6	95.4	95.4	95.8	95.8	95.8	95.8	96.2	96.4	96.6
≥ 1000	2.9	85.0	88.1	88.8	92.7	92.9	95.0	95.8	95.8	96.3	96.3	96.3	96.3	96.6	96.9	97.1
≥ 900	2.9	85.1	88.2	89.0	92.8	93.0	95.2	96.0	96.0	96.5	96.5	96.5	96.5	96.9	97.1	97.4
≥ 800	2.9	85.1	88.2	89.0	92.8	93.0	95.2	96.0	96.0	96.5	96.5	96.5	96.5	96.9	97.1	97.5
≥ 700	2.9	85.4	88.5	89.2	93.0	93.3	95.4	96.3	96.3	96.9	96.9	96.9	96.9	97.2	97.5	97.8
≥ 600	2.9	85.4	88.5	89.2	93.0	93.3	95.4	96.3	96.3	96.9	96.9	96.9	96.9	97.2	97.5	97.8
≥ 500	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.6	97.8	98.3
≥ 400	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.6	97.8	98.3
≥ 300	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.6	97.8	98.3
≥ 200	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.7	98.0	98.4
≥ 100	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.8	98.1	98.6
≥ 0	2.9	85.4	88.6	89.3	93.3	93.5	95.8	96.6	96.6	97.2	97.2	97.2	97.2	97.8	98.1	98.6

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17075

THULE AB GL

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	3.2	53.4	58.4	58.4	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	3.2	59.7	58.7	58.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	3.2	53.7	58.7	58.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	3.2	58.7	58.7	58.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	3.2	59.5	59.5	59.5	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	3.2	60.1	60.1	60.1	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	3.2	60.1	60.1	60.1	60.6	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	3.2	60.6	60.6	60.6	61.1	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	3.2	62.3	62.8	62.8	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	3.2	66.4	68.0	68.1	68.9	68.9	69.1	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 6000	3.2	69.4	71.8	72.0	73.6	73.6	74.1	74.6	74.6	74.7	74.7	74.7	74.8	74.8	75.1	75.1
≥ 5000	3.2	77.5	80.9	81.3	84.0	84.0	84.5	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.5	85.5
≥ 4500	3.2	79.1	82.5	82.9	85.6	85.6	86.1	86.6	86.6	86.7	86.8	86.8	86.9	86.9	87.2	87.2
≥ 4000	3.2	80.7	84.1	84.5	87.4	87.4	88.1	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.2	89.2
≥ 3500	3.2	80.9	84.4	84.7	87.9	87.9	88.8	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.9	89.9
≥ 3000	3.2	81.7	85.1	85.5	88.9	88.9	89.9	90.3	90.3	90.6	90.7	90.7	90.8	90.8	91.1	91.1
≥ 2500	3.2	82.5	86.1	86.4	90.0	90.0	91.1	91.6	91.6	91.8	91.9	91.9	92.1	92.1	92.3	92.3
≥ 2000	3.2	82.9	86.6	87.0	91.0	91.1	92.3	92.9	92.9	93.2	93.3	93.3	93.4	93.4	93.8	93.8
≥ 1800	3.2	83.0	86.7	87.2	91.1	91.2	92.4	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.9	93.9
≥ 1500	3.2	83.1	86.8	87.3	91.4	91.6	93.0	93.8	93.8	94.0	94.1	94.1	94.4	94.4	94.9	95.0
≥ 1200	3.2	83.1	87.2	87.7	91.8	91.9	93.4	94.5	94.5	94.7	94.9	94.9	95.1	95.1	95.6	95.7
≥ 1000	3.2	83.5	87.7	88.1	92.3	92.4	93.9	95.0	95.0	95.2	95.5	95.5	95.7	95.7	96.2	96.3
≥ 900	3.2	83.5	87.7	88.1	92.3	92.4	93.9	95.0	95.0	95.2	95.5	95.5	95.7	95.7	96.2	96.3
≥ 800	3.2	83.7	87.9	88.4	92.5	92.7	94.3	95.4	95.4	95.6	95.8	95.8	96.5	96.5	96.9	97.1
≥ 700	3.2	83.7	87.9	88.4	92.5	92.7	94.4	95.6	95.6	95.8	96.1	96.1	96.7	96.7	97.2	97.3
≥ 600	3.2	84.0	88.1	88.6	92.8	92.9	94.6	95.8	95.8	96.1	96.3	96.3	96.9	96.9	97.4	97.6
≥ 500	3.2	84.0	88.1	88.6	92.8	92.9	94.6	95.8	95.8	96.1	96.5	96.5	97.1	97.1	97.6	97.7
≥ 400	3.2	84.0	88.1	88.6	92.9	93.0	94.7	96.0	96.0	96.2	96.6	96.6	97.3	97.3	97.8	97.9
≥ 300	3.2	84.0	88.1	88.6	92.9	93.0	94.7	96.0	96.0	96.3	96.7	96.7	97.4	97.4	97.9	98.2
≥ 200	3.2	84.0	88.1	88.6	92.9	93.0	94.7	96.0	96.0	96.5	96.8	96.8	97.7	97.7	98.2	98.9
≥ 100	3.2	84.0	88.1	88.6	92.9	93.0	94.7	96.0	96.0	96.5	96.8	96.8	97.7	97.7	98.3	99.1
≥ 0	3.2	84.0	88.1	88.6	92.9	93.0	94.7	96.0	96.0	96.5	96.8	96.8	97.7	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE AB GL

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	4.4	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.4
≥ 20000	4.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.0
≥ 18000	4.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	54.1
≥ 16000	4.4	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.3
≥ 14000	4.4	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.5
≥ 12000	4.4	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.5
≥ 10000	4.4	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.3
≥ 9000	4.4	57.4	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.4
≥ 8000	4.4	59.8	60.3	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1
≥ 7000	4.4	65.4	66.7	66.8	67.5	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	68.1
≥ 6000	4.4	68.3	71.0	71.5	72.8	73.1	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	74.0	74.2
≥ 5000	4.4	79.1	82.3	82.8	85.0	85.5	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3	86.6
≥ 4500	4.4	79.8	83.0	83.5	86.2	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.4	87.6
≥ 4000	4.4	81.6	84.8	85.5	88.3	88.7	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.5	89.8
≥ 3500	4.4	81.7	85.1	86.0	89.1	89.4	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.2	90.5
≥ 3000	4.4	82.3	85.7	86.7	90.0	90.4	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.4	91.7
≥ 2500	4.4	82.8	86.2	87.4	90.7	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	92.3	92.5
≥ 2000	4.4	82.9	86.4	87.6	91.6	91.9	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	93.2	93.5
≥ 1800	4.4	82.9	86.4	87.6	91.6	91.9	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	93.5	93.7
≥ 1500	4.4	83.4	86.9	88.1	92.0	92.4	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	94.2	94.4
≥ 1200	4.4	83.4	87.0	88.2	92.3	92.6	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.8	95.0
≥ 1000	4.4	83.5	87.2	88.3	92.4	92.7	93.7	94.4	94.5	94.8	94.8	94.8	94.8	94.8	95.4	95.6
≥ 900	4.4	83.5	87.2	88.3	92.4	92.7	93.7	94.4	94.5	94.8	94.8	94.8	94.8	94.8	95.4	95.6
≥ 800	4.4	83.6	87.5	88.7	92.9	93.2	94.2	94.9	95.1	95.4	95.4	95.4	95.4	95.5	96.1	96.3
≥ 700	4.4	83.6	87.6	88.8	93.0	93.3	94.3	95.0	95.2	95.5	95.5	95.5	95.5	95.6	96.2	96.4
≥ 600	4.4	83.8	87.9	89.1	93.2	93.6	94.5	95.2	95.5	95.7	95.7	95.7	95.7	95.8	96.4	96.7
≥ 500	4.4	83.9	88.0	89.2	93.3	93.9	94.9	95.6	95.8	96.3	96.3	96.3	96.4	96.4	97.0	97.3
≥ 400	4.4	83.9	88.1	89.3	93.5	94.1	95.0	95.8	96.1	96.6	96.6	96.6	96.9	96.9	97.5	97.7
≥ 300	4.4	83.9	88.1	89.3	93.5	94.1	95.0	96.0	96.2	96.8	96.8	96.8	97.1	97.1	97.7	98.0
≥ 200	4.4	83.9	88.1	89.3	93.5	94.1	95.0	96.0	96.2	96.8	96.9	96.9	97.3	97.4	98.2	99.0
≥ 100	4.4	83.9	88.1	89.3	93.5	94.1	95.0	96.0	96.2	96.8	96.9	96.9	97.3	97.4	98.2	99.2
≥ 0	4.4	83.9	88.1	89.3	93.5	94.1	95.0	96.0	96.2	96.8	97.0	97.0	97.4	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 841

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17075

THULE AB GL

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	2.5	54.1	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	2.5	54.7	54.6	54.8	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	2.5	54.8	54.9	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 16000	2.5	55.4	55.5	55.5	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000	2.5	55.7	55.9	55.9	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	2.5	56.5	56.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000	2.5	56.7	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 9000	2.5	57.1	57.7	57.9	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 8000	2.5	58.3	58.9	59.1	59.5	59.5	59.7	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2
IV 7000	2.5	65.1	66.5	66.9	67.7	67.7	67.9	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5
IV 6000	2.5	70.0	72.3	73.1	74.0	74.0	74.5	74.7	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1
IV 5000	2.5	80.0	82.5	83.7	84.9	84.9	85.6	85.8	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2
IV 4500	2.5	80.8	83.3	84.5	85.7	86.1	86.8	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4
IV 4000	2.5	82.7	85.5	86.8	88.1	88.4	89.2	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
IV 3500	2.5	83.1	86.1	87.4	88.7	89.0	89.7	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 3000	2.5	83.4	86.5	87.8	89.5	89.9	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3
IV 2500	2.5	84.7	88.0	89.3	91.1	91.5	92.3	92.5	92.5	92.7	92.7	92.7	92.8	92.8	93.0	93.0
IV 2000	2.5	85.0	88.2	89.5	91.4	92.0	93.0	93.2	93.2	93.4	93.4	93.4	93.6	93.6	93.7	93.7
IV 1800	2.5	85.2	88.4	89.7	91.7	92.3	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.2	94.2
IV 1500	2.5	86.1	89.3	90.6	92.5	93.2	95.0	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.2	96.2
IV 1200	2.5	86.1	89.3	90.6	92.6	93.4	95.2	95.8	95.9	96.3	96.3	96.3	96.4	96.4	96.5	96.5
IV 1000	2.5	86.1	89.3	90.6	92.6	93.4	95.4	95.9	96.2	96.7	96.7	96.7	97.1	97.1	97.3	97.3
IV 900	2.5	86.2	89.4	90.7	92.7	93.6	95.5	96.1	96.3	96.8	96.8	96.8	97.3	97.3	97.4	97.4
IV 800	2.5	86.3	89.5	90.8	92.8	93.7	95.6	96.2	96.4	96.9	96.9	96.9	97.4	97.4	97.5	97.5
IV 700	2.5	86.3	89.5	90.8	92.8	93.7	95.6	96.2	96.4	96.9	96.9	96.9	97.4	97.4	97.5	97.5
IV 600	2.5	86.4	89.6	90.9	93.0	93.8	95.9	96.5	96.8	97.3	97.3	97.3	97.9	97.9	98.0	98.0
IV 500	2.5	86.4	89.6	90.9	93.0	93.9	96.1	96.7	96.9	97.4	97.4	97.4	98.0	98.0	98.1	98.1
IV 400	2.5	86.4	90.0	91.3	93.3	94.3	96.4	97.0	97.3	97.7	97.7	97.7	98.3	98.3	98.5	98.5
IV 300	2.5	86.4	90.0	91.3	93.3	94.3	96.4	97.0	97.3	97.7	97.7	97.7	98.3	98.3	98.5	98.5
IV 200	2.5	86.4	90.1	91.4	93.6	94.5	96.7	97.3	97.5	98.0	98.0	98.0	98.8	98.8	99.3	99.3
IV 100	2.5	86.4	90.1	91.4	93.6	94.5	96.7	97.3	97.5	98.0	98.0	98.0	98.8	98.8	99.3	99.6
IV 0	2.5	86.4	90.1	91.4	93.6	94.5	96.7	97.3	97.5	98.0	98.0	98.0	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17605

THULE A3 GL

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	2.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000 IV 18000	2.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000 IV 16000	2.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000 IV 14000	2.0	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000 IV 12000	2.0	57.2	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000 IV 10000	2.0	57.6	58.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000 IV 8000	2.0	58.4	59.2	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000 IV 6000	2.0	60.3	61.5	61.7	62.3	62.3	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 5000 IV 5000	2.0	67.1	68.4	68.6	69.7	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 4500 IV 4500	2.0	70.3	72.7	73.1	74.3	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.3
≥ 4000 IV 4000	2.0	79.5	82.6	83.2	84.5	85.3	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 3500 IV 3500	2.0	80.4	83.5	84.1	85.5	86.4	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000 IV 3000	2.0	82.0	85.5	86.1	87.9	88.8	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 2500 IV 2500	2.0	82.3	85.9	86.4	88.2	89.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 2000 IV 2000	2.0	82.5	86.2	86.8	89.1	90.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 1800 IV 1800	2.0	82.9	86.6	87.2	89.7	90.6	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.5
≥ 1500 IV 1500	2.0	83.9	87.6	88.2	91.0	92.2	93.6	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 1200 IV 1200	2.0	84.5	88.2	88.8	91.7	92.9	94.3	94.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 1000 IV 1000	2.0	84.9	88.6	89.2	92.0	93.2	95.5	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.6
≥ 900 IV 900	2.0	84.9	88.6	89.2	92.0	93.2	95.5	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.7
≥ 800 IV 800	2.0	85.0	88.7	89.5	92.5	93.7	96.0	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 700 IV 700	2.0	85.0	88.7	89.5	92.5	93.7	96.0	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 600 IV 600	2.0	85.0	88.7	89.5	92.5	93.7	96.0	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 500 IV 500	2.0	85.0	88.7	89.5	92.5	93.7	96.0	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 400 IV 400	2.0	85.0	88.8	89.7	92.6	93.8	96.1	96.7	96.8	97.3	97.4	97.4	97.7	97.7	97.7	98.1
≥ 300 IV 300	2.0	85.0	89.1	89.9	92.9	94.1	96.3	96.9	97.0	97.5	97.6	97.6	98.0	98.0	98.0	98.3
≥ 200 IV 200	2.0	85.1	89.2	90.0	93.0	94.2	96.4	97.0	97.1	97.6	97.7	97.7	98.1	98.1	98.1	98.6
≥ 100 IV 100	2.0	85.1	89.3	90.1	93.2	94.4	96.7	97.3	97.4	97.9	98.0	98.0	98.5	98.5	98.5	99.0
≥ 0 IV 0	2.0	85.1	89.3	90.1	93.2	94.4	96.7	97.3	97.4	97.9	98.0	98.0	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	2.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	2.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	2.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	2.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	2.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	2.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	2.2	56.5	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	2.2	56.6	57.0	57.0	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 8000	2.2	58.0	58.4	58.4	58.8	58.8	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.9	59.9	59.9
≥ 7000	2.2	64.5	65.1	65.1	66.3	66.3	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.5	67.5	67.5
≥ 6000	2.2	68.2	69.6	69.9	71.2	71.2	71.9	72.3	72.3	72.4	72.5	72.5	72.5	72.9	72.9	72.9
≥ 5000	2.2	79.3	82.3	82.7	84.5	84.5	85.2	85.5	85.5	85.7	85.8	85.8	86.4	86.4	86.4	86.5
≥ 4500	2.2	80.4	83.6	84.0	86.0	86.0	86.7	87.1	87.1	87.2	87.3	87.3	88.0	88.0	88.0	88.1
≥ 4000	2.2	81.4	85.1	85.4	87.6	87.6	88.7	89.0	89.0	89.2	89.3	89.3	89.9	89.9	89.9	90.0
≥ 3500	2.2	81.4	85.4	86.1	88.3	88.3	89.4	89.8	89.8	89.9	90.0	90.0	90.6	90.6	90.6	90.7
≥ 3000	2.2	81.7	85.7	86.4	89.3	89.5	90.0	91.3	91.3	91.4	91.6	91.6	92.2	92.2	92.2	92.3
≥ 2500	2.2	82.2	86.1	86.9	89.9	90.1	91.6	91.9	91.9	92.0	92.2	92.2	92.8	92.8	92.8	92.9
≥ 2000	2.2	83.1	87.1	87.8	90.8	91.1	92.9	93.5	93.5	93.6	93.7	93.7	94.3	94.3	94.3	94.5
≥ 1800	2.2	83.3	87.2	88.0	91.0	91.2	93.0	93.6	93.6	93.7	93.9	93.9	94.5	94.5	94.5	94.6
≥ 1500	2.2	83.6	87.6	88.3	91.6	91.8	93.6	94.3	94.3	94.5	94.6	94.6	95.3	95.3	95.3	95.5
≥ 1200	2.2	83.6	87.8	88.6	91.8	92.0	93.9	94.6	94.6	94.7	94.8	94.8	95.5	95.5	95.5	95.8
≥ 1000	2.2	83.9	88.1	88.9	92.2	92.4	94.2	94.9	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.4
≥ 900	2.2	83.9	88.1	88.9	92.2	92.4	94.2	94.9	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.4
≥ 800	2.2	83.9	88.1	88.9	92.2	92.4	94.2	94.9	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.4
≥ 700	2.2	83.9	88.1	88.9	92.2	92.4	94.2	94.9	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.4
≥ 600	2.2	83.9	88.1	88.9	92.2	92.4	94.2	94.9	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.5
≥ 500	2.2	83.9	88.3	89.2	92.5	92.8	94.6	95.5	95.5	95.9	96.4	96.4	97.6	97.6	97.8	98.2
≥ 400	2.2	84.0	88.4	89.3	92.7	92.9	94.7	95.7	95.7	96.0	96.5	96.5	97.7	97.7	98.0	98.3
≥ 300	2.2	84.0	88.4	89.3	92.8	93.0	94.8	95.9	95.9	96.3	96.7	96.7	98.0	98.2	98.7	99.0
≥ 200	2.2	84.0	88.4	89.3	92.8	93.0	94.8	95.9	95.9	96.3	96.9	96.9	98.2	98.4	99.0	99.4
≥ 100	2.2	84.0	88.4	89.3	92.8	93.0	94.8	95.9	95.9	96.3	96.9	96.9	98.2	98.4	99.0	99.6
≥ 0	2.2	84.0	88.4	89.3	92.8	93.0	94.8	95.9	95.9	96.3	96.9	96.9	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE A3 GL

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	2.3	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	2.3	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	2.9	55.2	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 16000	2.3	55.4	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 14000	2.9	55.8	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
≥ 12000	2.9	56.6	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
≥ 10000	2.9	57.1	57.4	57.5	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2
≥ 9000	2.9	57.4	57.8	57.9	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7
≥ 8000	2.9	60.0	60.6	60.7	61.1	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.7
≥ 7000	2.9	65.7	66.8	66.9	68.0	68.1	68.4	68.5	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.9
≥ 6000	2.9	69.3	71.5	71.8	73.3	73.5	73.9	74.0	74.0	74.2	74.2	74.3	74.4	74.4	74.5	74.6
≥ 5000	2.9	79.2	82.1	82.5	84.6	84.8	85.5	85.6	85.6	85.8	85.8	85.9	85.9	86.1	86.2	86.3
≥ 4500	2.9	80.4	83.3	83.8	86.0	86.2	86.9	87.0	87.1	87.3	87.4	87.4	87.5	87.6	87.7	87.8
≥ 4000	2.9	81.7	84.9	85.5	87.9	88.2	89.0	89.2	89.2	89.4	89.5	89.6	89.7	89.8	89.9	90.0
≥ 3500	2.9	82.1	85.4	86.1	88.5	88.8	89.7	89.9	89.9	90.1	90.2	90.2	90.4	90.5	90.5	90.6
≥ 3000	2.9	82.4	85.8	86.5	89.3	89.6	90.6	90.8	90.8	91.1	91.2	91.2	91.4	91.4	91.5	91.6
≥ 2500	2.9	83.2	86.7	87.4	90.3	90.7	91.7	91.9	92.0	92.2	92.3	92.3	92.5	92.6	92.7	92.8
≥ 2000	2.9	84.0	87.5	88.2	91.3	91.8	92.9	93.3	93.3	93.5	93.7	93.7	93.9	93.9	94.1	94.2
≥ 1800	2.9	84.1	87.7	88.4	91.5	92.0	93.2	93.6	93.7	93.9	94.0	94.0	94.2	94.3	94.4	94.5
≥ 1500	2.9	84.5	88.0	88.7	91.9	92.4	94.0	94.5	94.6	94.8	94.9	95.0	95.2	95.2	95.4	95.6
≥ 1200	2.9	84.5	88.2	88.9	92.2	92.7	94.3	95.0	95.0	95.3	95.5	95.5	95.7	95.7	95.9	96.1
≥ 1000	2.9	84.7	88.4	89.1	92.5	93.0	94.6	95.3	95.4	95.8	95.9	96.0	96.3	96.3	96.5	96.6
≥ 900	2.9	84.7	88.5	89.2	92.5	93.0	94.7	95.4	95.5	95.9	96.0	96.0	96.3	96.4	96.6	96.7
≥ 800	2.9	84.8	88.6	89.3	92.6	93.1	94.8	95.5	95.6	96.0	96.2	96.2	96.6	96.6	96.8	96.9
≥ 700	2.9	84.9	88.7	89.4	92.7	93.2	94.9	95.6	95.8	96.2	96.3	96.3	96.7	96.8	96.9	97.1
≥ 600	2.9	84.9	88.7	89.5	92.8	93.3	95.0	95.7	95.9	96.3	96.4	96.4	96.8	96.9	97.1	97.2
≥ 500	2.9	84.9	88.8	89.5	92.9	93.5	95.3	96.1	96.2	96.7	96.9	96.9	97.4	97.5	97.8	98.0
≥ 400	2.9	85.0	88.9	89.6	93.0	93.6	95.4	96.2	96.4	96.9	97.1	97.1	97.7	97.8	98.1	98.3
≥ 300	2.9	85.0	88.9	89.7	93.1	93.6	95.5	96.3	96.4	97.0	97.2	97.2	97.8	97.9	98.3	98.5
≥ 200	2.9	85.0	89.0	89.7	93.1	93.7	95.5	96.4	96.5	97.1	97.3	97.4	98.1	98.2	98.7	99.0
≥ 100	2.9	85.0	89.0	89.7	93.1	93.7	95.5	96.4	96.5	97.1	97.4	97.4	98.1	98.2	98.8	99.5
≥ 0	2.3	85.0	89.0	89.7	93.1	93.7	95.5	96.4	96.5	97.1	97.4	97.4	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17675

THULE AB GL

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	7.1	43.7	44.0	44.0	44.3	44.4	44.5	44.6	44.6	44.8	44.8	44.8	45.7	45.3	45.1	45.2
≥ 20000	7.4	45.1	45.4	45.4	45.7	45.8	45.9	46.0	46.0	46.2	46.2	46.2	46.4	46.4	46.5	46.6
≥ 18000	7.5	46.6	46.9	47.0	47.3	47.3	47.5	47.6	47.6	47.8	47.8	47.8	48.7	48.3	48.1	48.2
≥ 16000	7.5	46.9	47.3	47.3	47.6	47.7	47.8	47.9	47.9	48.1	48.2	48.2	48.3	48.3	48.5	48.6
≥ 14000	7.5	47.3	47.6	47.7	48.0	48.1	48.2	48.3	48.3	48.5	48.6	48.6	48.7	48.7	48.9	49.0
≥ 12000	7.6	47.8	48.2	48.2	48.6	48.6	48.8	48.8	48.8	48.9	49.0	49.1	49.2	49.2	49.4	49.5
≥ 10000	7.9	49.0	49.4	49.5	49.9	49.9	50.1	50.2	50.1	50.4	50.4	50.4	50.6	50.6	50.7	50.8
≥ 9500	8.0	49.7	50.2	50.2	50.7	50.7	50.9	51.0	51.0	51.2	51.3	51.3	51.4	51.4	51.6	51.7
≥ 8000	8.3	53.8	54.4	54.5	55.1	55.2	55.4	55.6	55.6	55.8	55.9	55.9	56.1	56.1	56.2	56.4
≥ 7000	8.6	58.4	59.3	59.4	60.2	60.3	60.6	60.8	60.8	61.1	61.2	61.2	61.4	61.4	61.6	61.7
≥ 6000	9.0	61.9	63.3	63.5	64.7	64.9	65.3	65.6	65.6	65.9	66.0	66.0	66.3	66.3	66.5	66.7
≥ 5000	9.4	71.2	73.0	73.1	74.8	75.0	75.5	75.8	75.9	76.3	76.4	76.4	76.7	76.7	77.0	77.1
≥ 4500	9.6	72.1	73.9	74.1	75.8	76.0	76.6	76.9	76.9	77.3	77.4	77.5	77.7	77.8	78.0	78.2
≥ 4000	10.0	75.9	78.0	78.2	80.1	80.3	81.0	81.4	81.4	81.8	82.0	82.0	82.3	82.4	82.6	82.7
≥ 3500	10.3	77.7	80.0	80.2	82.3	82.5	83.2	83.6	83.6	84.1	84.2	84.2	84.6	84.6	84.8	85.0
≥ 3000	10.6	79.9	82.4	82.7	84.9	85.2	85.9	86.3	86.4	86.9	87.0	87.1	87.4	87.5	87.7	87.9
≥ 2500	10.9	81.2	84.3	84.3	86.7	86.9	87.8	88.2	88.3	88.8	88.9	88.9	89.3	89.3	89.6	89.7
≥ 2000	11.0	82.5	85.4	85.7	88.3	88.6	89.5	90.0	90.1	90.6	90.8	90.8	91.2	91.2	91.5	91.7
≥ 1800	11.0	82.7	85.6	85.9	88.5	88.9	89.8	90.3	90.4	90.9	91.1	91.1	91.5	91.5	91.8	91.9
≥ 1500	11.1	83.2	86.2	86.5	89.3	89.6	90.6	91.2	91.3	91.9	92.0	92.1	92.5	92.5	92.8	92.9
≥ 1200	11.2	83.4	86.5	86.8	89.6	90.0	91.0	91.6	91.7	92.3	92.5	92.5	92.9	93.0	93.2	93.4
≥ 1000	11.2	83.7	86.9	87.2	90.1	90.5	91.7	92.3	92.4	93.2	93.4	93.4	93.8	93.9	94.1	94.3
≥ 900	11.3	83.8	87.0	87.3	90.3	90.6	91.8	92.5	92.6	93.4	93.6	93.6	94.0	94.1	94.3	94.5
≥ 800	11.3	84.0	87.2	87.5	90.5	90.9	92.1	92.8	92.9	93.7	93.9	94.0	94.4	94.5	94.8	95.0
≥ 700	11.4	84.1	87.4	87.7	90.7	91.0	92.3	93.0	93.1	93.9	94.1	94.2	94.7	94.7	95.0	95.2
≥ 600	11.4	84.3	87.5	87.9	90.9	91.3	92.6	93.3	93.4	94.2	94.4	94.5	95.0	95.1	95.3	95.5
≥ 500	11.5	84.4	87.7	88.1	91.2	91.6	92.9	93.7	93.8	94.7	95.0	95.0	95.6	95.7	96.0	96.3
≥ 400	11.5	84.6	87.9	88.3	91.4	91.9	93.3	94.0	94.2	95.2	95.4	95.5	96.2	96.3	96.7	96.9
≥ 300	11.5	84.7	88.1	88.4	91.7	92.1	93.6	94.4	94.5	95.6	95.9	96.0	96.8	96.9	97.4	97.6
≥ 200	11.5	84.7	88.2	88.5	91.8	92.3	93.8	94.6	94.8	96.0	96.3	96.4	97.5	97.6	98.4	98.9
≥ 100	11.5	84.8	88.2	88.5	91.9	92.3	93.8	94.7	94.9	96.1	96.4	96.5	97.7	97.9	98.8	99.7
≥ 0	11.5	84.8	88.2	88.5	91.9	92.3	93.8	94.7	94.9	96.1	96.4	96.5	97.7	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 60421

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

SKY COVER

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	42.3	6.3		12.4	2.5	2.5	3.3		2.3	5.9	22.6	3.8	523
	03-05	46.2	3.1		10.5	2.5	2.1	2.1		3.1	7.0	23.2	3.9	513
	06-08	42.9	5.2		9.7	2.8	2.2	2.2		2.6	6.8	25.6	4.1	503
	09-11	37.3	7.3		12.4	3.1	2.6	1.2		3.7	8.4	24.0	4.2	509
	12-14	30.5	9.2		10.8	3.6	2.8	1.8		3.0	14.4	24.0	4.7	501
	15-17	32.9	7.6		14.0	4.9	2.7	2.5		1.6	8.8	25.1	4.4	487
	18-20	39.9	4.4		11.4	2.5	3.1	1.9		2.9	8.1	25.8	4.3	481
	21-23	38.3	3.1		13.4	4.1	2.9	2.2		3.9	6.3	25.9	4.3	491
TOTALS		38.8	5.8		11.8	3.3	2.6	2.2		2.9	8.2	24.5	4.2	4008

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

FFC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	45.8	3.5		12.2	5.6	4.3	1.2		2.7	5.8	18.8	3.5	483
	03-05	47.7	4.2		14.4	2.9	2.5	2.1		3.3	4.0	18.8	3.4	478
	06-08	39.6	6.9		14.8	2.9	1.5	1.9		5.4	7.7	19.4	3.9	480
	09-11	36.8	9.0		11.8	2.6	2.4	2.0		3.1	12.5	19.9	4.1	457
	12-14	35.9	8.4		13.4	3.9	1.3	3.5		4.8	11.7	17.3	4.1	463
	15-17	36.2	10.8		12.5	2.8	2.5	3.4		3.2	9.7	18.9	3.9	472
	18-20	40.2	8.7		14.0	2.3	3.4	2.5		2.1	8.0	18.8	3.7	473
	21-23	40.8	5.3		14.9	3.1	3.3	2.0		3.3	7.6	19.6	3.8	449
TOTALS		40.4	7.1		13.5	3.3	2.7	2.3		3.5	8.4	18.9	3.8	3755

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	44.8	4.5		9.9	4.5	3.7	2.5		3.9	6.8	19.6	3.7	516
	03-05	39.4	5.8		9.0	3.8	3.2	3.2		5.6	9.2	20.9	4.2	502
	06-08	32.7	8.4		13.2	3.4	2.6	2.4		4.4	9.6	23.2	4.4	499
	09-11	36.9	7.1		10.3	4.4	1.6	3.2		4.4	11.1	21.0	4.3	504
	12-14	38.8	6.6		6.0	4.4	3.6	2.0		4.6	12.4	21.6	4.4	500
	15-17	36.7	8.0		7.4	4.6	2.2	2.8		6.8	12.2	19.2	4.3	499
	18-20	33.1	9.0		13.1	5.3	2.2	2.0		3.7	10.4	21.2	4.3	490
	21-23	37.0	7.2		11.7	4.5	3.5	2.2		2.7	7.8	23.5	4.2	489
TOTALS		37.4	7.1		10.1	4.4	2.8	2.5		4.5	9.9	21.3	4.2	3999

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

APC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	24.8	9.8		13.6	2.4	2.2	1.8		3.6	10.6	31.3	5.2	501
	03-05	27.5	7.2		10.4	3.3	1.0	1.4		4.1	12.4	32.5	5.4	483
	06-08	24.6	7.6		11.5	2.5	2.0	2.7		4.3	16.6	28.3	5.4	488
	09-11	30.3	5.8		9.9	2.6	2.8	1.3		4.5	15.5	27.3	5.2	465
	12-14	30.5	6.8		7.0	3.2	2.1	3.6		4.4	10.6	31.8	5.2	472
	15-17	30.2	6.3		8.6	3.6	1.5	2.9		5.0	12.4	29.6	5.2	477
	18-20	30.5	6.3		9.1	3.2	1.9	3.8		4.6	9.9	30.7	5.1	475
	21-23	25.8	8.6		12.8	3.2	3.2	2.9		3.2	8.4	31.9	5.1	476
TOTALS		28.0	7.3		10.4	3.0	2.1	2.6		4.2	12.1	30.4	5.2	3837

2
1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

17605 THULE AB GL

77,73-81

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	18.5	7.8		11.5	4.1	2.7	2.9		6.0	13.4	33.1	5.9	514
	03-05	22.1	7.8		8.0	1.7	4.1	2.1		5.4	14.4	34.4	5.9	515
	06-08	22.9	7.7		9.1	3.5	1.7	3.3		6.7	14.3	30.8	5.7	519
	09-11	23.4	7.6		11.1	3.9	1.4	2.7		8.0	15.4	26.4	5.5	512
	12-14	23.5	7.6		9.1	3.8	2.2	3.6		7.0	16.3	27.0	5.6	503
	15-17	20.7	9.1		12.4	4.5	2.4	2.4		5.1	16.0	27.4	5.5	493
	18-20	20.2	9.3		13.1	2.8	1.8	2.4		5.1	17.2	28.1	5.6	495
	21-23	22.0	7.4		10.2	5.0	3.4	3.4		5.0	13.2	30.3	5.6	499
	TOTALS	21.7	8.0		10.6	3.7	2.5	2.9		6.0	15.0	29.7	5.7	4050

USAFETAC

FORM
JUL 64

0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	11.3	6.5		8.9	4.4	3.3	2.4		3.7	15.9	43.6	6.9	459
	03-05	12.1	3.7		7.7	3.3	2.6	3.3		4.6	22.4	40.2	7.1	455
	06-08	14.0	2.4		7.8	2.9	1.8	3.5		5.1	19.7	42.8	7.1	451
	09-11	11.4	6.8		9.4	2.6	2.4	3.7		5.0	16.4	42.1	6.9	456
	12-14	8.1	8.3		11.1	3.3	3.1	2.6		5.0	18.3	40.2	6.9	458
	15-17	10.8	7.1		9.9	2.4	3.9	2.2		3.7	20.5	39.5	6.9	463
	18-20	11.9	5.7		11.0	1.8	2.4	2.2		4.6	20.0	40.4	6.9	455
	21-23	14.9	6.3		8.9	2.4	1.9	1.5		4.8	16.6	42.8	6.9	463
TOTALS		11.8	5.9		9.3	2.9	2.7	2.7		4.6	18.7	41.5	6.9	3660

SKY COVER

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	7.1	5.0		7.3	3.2	2.1	2.7		5.3	21.7	45.5	7.6	561
	03-05	7.6	5.9		7.9	2.1	2.9	2.8		7.2	20.3	43.4	7.4	581
	06-08	9.0	6.5		6.3	4.5	3.1	3.4		6.6	19.4	41.3	7.2	557
	09-11	8.3	5.1		8.0	3.4	2.2	4.9		6.4	21.1	40.7	7.3	551
	12-14	8.3	5.6		9.4	3.8	4.2	3.3		5.1	17.2	43.2	7.2	553
	15-17	7.0	5.7		11.0	3.7	3.3	3.5		6.1	20.8	39.0	7.2	544
	18-20	7.1	6.1		10.1	3.4	1.9	2.3		5.2	20.8	43.0	7.3	523
	21-23	6.9	5.8		9.6	1.9	1.7	2.4		4.5	19.3	48.1	7.5	539
TOTALS		7.7	5.7		8.7	3.3	2.7	3.2		5.8	20.1	43.0	7.3	4409

FORM
JUN 64

FORM 0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	9.9	4.6		12.5	2.4	3.4	2.6		5.5	16.6	42.6	7.0	505
	03-05	10.2	4.4		10.6	5.2	3.8	2.2		5.8	18.4	39.3	6.9	499
	06-08	14.1	5.6		8.5	4.6	2.6	2.4		5.6	17.5	39.2	6.7	503
	09-11	11.2	5.5		10.0	3.5	2.7	2.0		5.9	20.0	39.2	6.9	510
	12-14	10.6	4.2		11.2	2.2	2.8	2.8		7.2	23.3	35.5	7.0	498
	15-17	10.5	5.7		9.2	4.3	3.3	2.9		6.0	22.6	35.5	6.9	513
	18-20	10.0	6.4		10.4	2.2	2.8	5.2		5.6	21.0	36.3	6.9	499
	21-23	8.1	5.6		10.4	2.1	4.4	2.5		4.2	20.1	42.5	7.2	518
TOTALS		10.6	5.3		10.4	3.3	3.2	2.8		5.7	19.9	38.8	6.9	4045

SKY COVER

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	21.5	9.3		6.0	2.2	1.3	3.4		4.0	11.7	40.2	6.0	503
	03-05	15.7	8.5		9.9	3.6	2.6	2.4		3.8	12.1	41.3	6.3	496
	06-08	12.4	5.8		11.6	3.8	3.2	3.4		5.2	20.9	33.5	6.6	498
	09-11	13.6	8.2		7.8	3.3	2.3	2.9		6.6	21.6	33.5	6.6	513
	12-14	15.1	8.1		8.1	2.5	2.3	1.9		4.5	20.5	36.8	6.5	516
	15-17	13.6	8.3		8.6	1.7	1.7	2.5		5.2	19.6	38.8	6.7	521
	18-20	15.4	6.1		9.5	2.6	1.6	2.2		5.7	16.8	39.1	6.5	506
	21-23	18.5	6.0		8.9	1.4	1.6	2.3		4.5	12.6	44.2	6.5	514
TOTALS		15.9	7.5		8.8	2.6	2.1	2.6		4.9	17.0	38.4	6.5	4067

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

OCT

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	28.6	4.8		6.2	3.3	1.2	1.9		3.1	7.9	43.1	5.8	518
	03-05	26.3	2.9		7.1	2.9	2.2	1.6		3.7	9.6	43.7	6.1	510
	06-08	18.0	6.0		9.7	3.5	1.4	2.9		3.9	12.9	41.9	6.4	518
	09-11	16.3	6.2		8.3	2.8	1.8	2.2		3.2	17.7	41.7	6.7	504
	12-14	15.8	8.2		10.0	2.6	2.0	1.6		5.8	14.6	39.4	6.4	500
	15-17	15.8	10.7		7.3	3.0	1.2	2.0		3.2	15.8	41.1	6.4	506
	18-20	15.7	11.8		7.8	2.8	1.6	1.0		3.2	11.6	44.6	6.4	502
	21-23	21.7	8.3		6.5	1.8	1.6	1.8		2.0	10.9	45.3	6.2	494
TOTALS		19.8	7.4		7.9	2.8	1.6	1.9		3.5	12.6	42.6	6.3	4052

SKY COVER

408

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	31.7	5.8		7.9	2.7	3.1	3.3		3.3	7.7	34.4	5.2	480
	03-05	29.5	7.1		9.0	3.7	4.5	1.9		3.2	7.5	34.6	5.2	465
	06-08	29.7	7.0		11.7	5.3	3.0	1.3		2.8	7.4	31.8	4.9	471
	09-11	29.4	5.6		12.9	3.4	2.1	2.6		2.8	10.1	31.1	5.1	466
	12-14	25.1	8.7		9.6	3.5	4.1	2.0		3.3	11.1	32.7	5.4	459
	15-17	27.7	9.1		9.9	1.1	3.9	2.1		2.5	8.7	35.1	5.2	473
	18-20	30.9	4.1		11.0	2.7	1.5	4.6		1.7	8.3	35.3	5.2	482
	21-23	29.3	6.1		10.8	4.6	1.5	1.9		3.0	8.9	34.0	5.2	474
TOTALS		29.2	6.7		10.2	3.4	3.0	2.5		2.8	8.7	33.6	5.2	3770

FORM
JUL 64

SKY COVER

DEC

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JFC	00-02	38.8	3.3		8.9	4.7	2.8	2.0		3.5	8.3	27.8	4.5	502
	03-05	39.6	2.8		10.2	2.6	2.2	2.4		5.2	7.0	28.0	4.5	500
	06-08	38.7	3.6		11.4	4.2	3.2	2.4		2.8	6.8	26.9	4.4	499
	09-11	34.7	7.6		12.4	4.8	2.0	1.8		1.8	7.6	27.1	4.4	498
	12-14	30.7	4.7		13.1	4.3	3.5	3.3		2.7	9.2	28.5	4.9	488
	15-17	35.2	3.5		13.1	4.7	1.4	1.6		2.9	9.6	28.0	4.7	489
	18-20	41.2	1.4		10.5	3.2	4.1	2.4		2.6	7.7	27.0	4.4	507
	21-23	40.6	2.6		7.2	4.4	3.4	2.4		4.4	6.4	28.5	4.5	498
TOTALS		37.4	3.7		10.9	4.1	2.8	2.3		3.2	7.8	27.7	4.5	3987

FORM
JUL 64

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SKY COVER

17605 THULE AB GL 69-70,73-81 ALL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	38.8	5.8		11.8	3.3	2.6	2.2		2.9	8.2	24.5	4.2	4003
FEB		40.4	7.1		13.5	3.3	2.7	2.3		3.5	8.4	18.9	3.8	3755
MAR		37.4	7.1		10.1	4.4	2.8	2.5		4.5	9.9	21.3	4.2	3999
APR		28.0	7.3		10.4	3.0	2.1	2.6		4.2	12.1	30.4	5.2	3637
MAY		21.7	8.0		10.6	3.7	2.5	2.9		6.0	15.0	29.7	5.7	4050
JUN		11.8	5.9		9.3	2.9	2.7	2.7		4.6	18.7	41.5	6.9	3660
JUL		7.7	5.7		8.7	3.3	2.7	3.2		5.8	20.1	43.0	7.3	4409
AUG		10.6	5.3		10.4	3.3	3.2	2.8		5.7	19.9	38.8	6.9	4045
SEP		15.9	7.5		8.8	2.6	2.1	2.6		4.9	17.0	38.4	6.5	4067
OCT		19.8	7.4		7.9	2.8	1.6	1.9		3.5	12.6	42.6	6.3	4052
NOV		29.2	6.7		10.2	3.4	3.0	2.5		2.8	8.7	33.6	5.2	3770
DEC		37.4	3.7		10.9	4.1	2.8	2.3		3.2	7.8	27.7	4.5	3987
TOTALS		24.9	6.5		10.2	3.3	2.6	2.5		4.3	13.2	32.5	5.6	47639

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

17625 THULE AB GL
STATION STATION NAME

51-81

YEARS

MAXIMUM

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

STATION 7805 THULE AB GL STATION NAME

51-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							.6						.3
40						1.4	4.2	2.4					.7
30						5.6	19.5	13.9	.3				3.3
20					.4	17.8	59.4	52.2	3.7				11.1
10	.1				1.3	29.9	74.4	69.3	8.4	.1			15.2
0		.1			5.5	54.0	92.5	89.2	22.3	.9	.1	.1	21.9
-10	.3	.5		.1	18.4	90.9	99.7	99.2	48.3	7.6	.6	.3	30.2
-20	.8	.7		.9	36.9	99.0	100.0	100.0	68.1	16.4	1.3	.8	35.1
-30	1.5	1.1	.2	3.2	58.8	99.9			83.7	27.2	3.7	1.2	39.7
-40	2.9	1.4	.9	6.8	74.4	100.0			94.0	42.0	7.3	2.6	44.1
-50	5.4	2.9	1.8	12.9	83.8				98.4	55.5	16.5	5.8	48.3
-60	10.5	5.8	3.9	24.0	91.9				99.9	73.3	27.7	11.6	53.8
-70	17.2	12.8	8.9	38.2	97.0				100.0	87.9	42.9	19.1	60.1
-80	28.4	21.8	17.8	56.4	99.2					95.0	60.0	28.8	67.1
-90	38.6	33.8	30.0	74.4	99.7					96.3	77.4	45.6	74.5
-100	57.5	49.7	49.3	90.4	100.0					99.2	91.1	65.6	83.5
-110	73.1	68.7	70.8	96.3						100.0	98.0	83.3	90.8
-120	88.5	84.0	86.7	99.4							99.9	94.0	96.0
-130	97.2	94.3	93.9	99.9							100.0	99.5	98.7
-140	100.0	98.8	99.0	100.0								100.0	99.8
-150		99.8	100.0										100.0
-160		100.0											100.0
-170													
-180													
-190													
-200													
-210													
-220													
-230													
-240													
-250													
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-910													
-920													
-930													
-940													
-950													
-960													
-970													
-980													
-990													
-1000													
MEAN	-17.0	-19.2	-19.8	-8.0	15.2	30.4	35.8	34.8	22.9	6.9	-6.7	-15.2	5.0
S.D.	12.103	11.640	10.174	10.675	9.996	4.978	4.696	4.531	7.877	11.475	10.812	11.192	23.085
TOTAL OBS.	927	939	929	896	928	869	899	899	869	898	898	928	10779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
17625 THULE AB GL
STATION

DAILY TEMPERATURES

51-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
55						.1	.4						.0
50						1.7	4.3	1.7					.6
45						6.2	20.6	12.9	.2				3.3
40					.5	19.6	53.9	44.0	2.5				10.0
35	.1				4.6	45.8	88.2	81.6	14.0	.2		.1	19.4
30	.2	.4		.1	16.1	82.7	98.8	97.8	44.0	5.9	.7	.3	28.6
25	1.1	.7		1.6	36.2	98.8	100.0	100.0	69.7	15.5	1.6	.8	35.2
20	2.2	1.7	1.0	4.7	60.2	100.0			86.7	28.7	4.8	1.9	40.7
15	4.7	3.2	1.6	9.6	77.7				96.5	45.1	9.6	3.8	45.7
10	8.5	5.4	3.0	19.0	87.3				99.0	61.2	20.0	7.7	50.7
5	14.5	10.5	6.8	31.8	94.9				99.9	79.0	35.1	14.8	57.0
0	21.0	18.0	11.5	45.4	98.4				100.0	90.8	49.4	22.0	62.8
-5	33.5	27.5	21.0	64.3	99.7					94.9	66.6	34.7	70.0
-10	46.6	40.4	33.9	81.9	99.9					96.7	80.7	50.8	77.4
-15	60.5	54.9	54.7	93.6	100.0					98.2	91.6	69.2	85.2
-20	76.2	70.8	74.8	98.1						100.0	98.4	82.7	91.7
-25	89.9	87.4	87.2	99.8							99.9	94.1	96.5
-30	97.2	94.8	95.3	99.9							100.0	98.9	98.8
-35	100.0	98.5	99.2	100.0								100.0	99.8
-40		99.5	100.0										100.0
-45		100.0											100.0
MEAN	-10.2	-12.3	-13.3	-5.5	20.7	34.7	40.3	38.9	27.6	12.7	.0	-8.8	10.8
S.D.	13.726	12.826	10.860	10.838	8.969	5.656	5.076	4.882	6.859	10.865	11.104	11.917	22.269
TOTAL OBS.	927	839	929	896	928	869	899	899	869	898	898	928	10779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17605 THULE A3 GL

51-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51											33	8	
52	22	27	20	31	44	57	62	54	41	29	35	34	62
53	32	30	18*	41	40	44	57	54	46	25	20*	5	57
54	23*	8	14	38*	47	55	58	57	48	30	30	14	58
55	15	30	14	25	32	53	55	54	42	36	35	17	55
56	23*	24	22	25	36	61	55	53	39	37	23	18	61
57	* 19	21	30	18	47	62	62	62	46	35	32	12	62
58	35	32	17*	15*	42	55	55	50	40	35	29	18	55
59	37	23	5	30	42	63	58	50	39	36	32	17	63
60	30	31	23	28	39	56	57	56	42	40	24	16	57
61	-5	4	24	28	33	49	53	57	41	32	22	34	57
62	24	8	31	38	42	52	55	56	49	26	26	36	56
63	36	32	31	26	33	45	57	55	41	32	36	27	57
64	38	41	34	21	44	49	48	50	41	24	18	25	50
65	35	43	15	23	46*	49	52	56	42	34	42	22	56
66	16	35	3	30	42	56	54	56	44	31	28	9	56
67	34	11	21	32	44	49	55	49	36	31	19	29	55
68	11	34	5	30	41	44	55	49	39	37	33	31	55
69	31*	19	13	35	38	54	62	54	41	27	28	15	62
70	33	30	20	32	31	49	53	48	41	37	32	30	53
71	22	21	20	24	36	57	58	48	45	32	21	14	58
72	25	35	28	32	33	44	53	51	43	41	19*	12	53
73	30	6	2	26	42	46	53	50	41	33	39	19	53
74	17	12*	21	33	35	48	57	53	39	35*	26	0	57
75	15	8	1	26	50	57	48	51	37	35	21	24	57
76	21	17	30	10	42	50	60	57	46	-1*	17	39	60
77	41	26	33	33	39	44	51	46*	37	35	35	21	51
78	30	10	19	33	39	46	59	51	39*	28	28	37	59
79	26*	8	35	32	33	44	57	57	46	43	18	16	57
80	30	18	30	21	36	59	55	46	39	41	36	25	59
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17605 THULE AB GL
STATION

51-81

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17605
STATION

THULE AB GL

STATION NAME

51-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51													
52	-38	-38	-43	-32	-3	24	29	28	18	-3	-20	-30	-43
53	-30	-35	-36*	-12	15	27	32	28	6	-6	-28*	-33	-36
54	-32*	-36	-29	-23*	11	26	31	29	7	-10	-18	-32	* -36
55	-37	-42	-28	-28	-11	25	31	30	13	8	-24	-26	-42
56	-30*	-37	-39	-23	-1	23	33	28	11	-5	-23	-23	-39
57	* -37	-25	-25	-14	-4	29	34	29	20	-10	-21	-28	* -37
58	-34	-35	-28*	-29*	1	25	30	24	7	-10	-26	-28	-35
59	-25	-29	-36	-27	2	25	32	29	13	-12	-22	-31	-36
60	-37	-34	-43	-25	1	28	35	30	7	-4	-19	-26	-43
61	-39	-40	-44	-30	-8	22	31	26	5	-9	-24	-33	-44
62	-25	-35	-20	-19	1	23	29	23	0	-3	-17	-25	-35
63	-25	-21	-34	-30	0	25	29	31	13	-10	-28	-21	-34
64	-39	-33	-42	-36	-8	23	26	26	-5	-24	-27	-32	-42
65	-34	-30	-27	-17	4*	24	27	26	1	-9	-15	-32	-34
66	-36	-28	-31	-22	-9	21	28	31	4	-5	-17	-28	-36
67	-30	-36	-24	-21	-5	22	29	26	10	-11	-31	-24	-36
68	-34	-36	-38	-14	-4	21	29	27	6	-7	-25	-30	-38
69	-24*	-32	-43	-18	8	23	33	31	18	-5	-22	-24	-43
70	-35	-30	-27	-18	-17	18	27	25	16	-1	-20	-31	-35
71	-32	-39	-27	-27	-8	24	26	25	12	-6	-24	-36	-39
72	-34	-40	-30	-26	3	19	26	25	9	-1	-19*	-38	-40
73	-33	-40	-39	-25	-6	22	24	28	5	-7	-25	-29	-40
74	-38	-29*	-32	-22	-2	17	28	28	10	-7*	-25	-36	-38
75	-38	-31	-32	-29	1	14	32	23	3	-9	-27	-34	-38
76	-29	-29	-27	-25	-7	24	30	24	15	-23*	-20	-25	-29
77	-22	-31	-29	-9	10	19	30	21*	6	-7	-13	-38	-38
78	-29	-31	-34	-27	0	21	24	28	8*	-11	-25	-20	-34
79	-23*	-47	-32	-18	-2	24	26	28	16	-20	-20	-33	* -47
80	-24	-29	-24	-22	-6	19	30	25	9	-8	-15	-27	-29
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION NAME

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL STATION NAME 70,73-81 YEARS JAN MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point									
40/ 39			.3															2	2											
38/ 37			.1															1	1											
36/ 35		.3																2	2	2										
34/ 33	.1																	1	1	4										
32/ 31																					2									
30/ 29				.3														2	2		4									
28/ 27		.1			.1													2	5											
26/ 25		.1	.3															3	3	1										
24/ 23		.3	.3															4	4	3										
22/ 21		.6																5	5	5										
20/ 19		.1	.3	.1														4	5	7	2									
18/ 17		1.4	.3															13	14	2	1									
16/ 15	.1	.6	.5															10	13	13	5									
14/ 13	.5	.6	.3															11	11	13										
12/ 11	.1	.9	.6															13	16	14	8									
10/ 9	.4	1.8	.1															18	19	14	12									
8/ 7	.4	1.4	.3															16	19	19	6									
6/ 5	.3	2.0																18	26	16	14									
4/ 3	1.3	2.3																28	32	23	4									
2/ 1	.9	1.1																16	22	25	9									
0/ -1	4.9	1.9																54	69	49	24									
-2/ -3	1.3	1.3																20	23	30	10									
-4/ -5	1.1	1.6																22	36	16	23									
-6/ -7	4.3																	34	42	43	25									
-8/ -9	8.6																	68	75	68	19									
-10/-11	7.0																	55	65	55	14									
-12/-13	3.9																	31	36	31	11									
-14/-15	6.5																	51	61	51	24									
-16/-17	5.4																	43	49	43	29									
-18/-19	6.3																	50	59	50	52									
-20/-21	4.8																	38	41	38	28									
-22/-23	6.0																	47	49	47	54									
-24/-25	4.8																	38	40	38	37									
-26/-27	4.2																	33	36	33	43									
Element (X)	Σ x ²		Σ x		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total									
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F						≥ 93 F					
Dry Bulb																														
Wet Bulb																														
Dew Point																														

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	70,73-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION 17605 AB GL STATION NAME 70, 73-81 YEARS JAN MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Poi
36/ 35		.4																3	3		
34/ 33																				3	
32/ 31																					3
30/ 29		.3		.4														5	5	2	
28/ 27	.1		.3															3	3	1	
26/ 25		.1	.4															4	6		1
24/ 23		.1	.1	.1														3	3	6	
22/ 21	.1	.4	.4	.1														8	9	5	
20/ 19		.9	.5															11	12	4	1
18/ 17		1.1	.3	.1														12	17	11	2
16/ 15		.3	.1															3	4	14	
14/ 13	.1	.4	.1															5	6	7	3
12/ 11	.8	.4	.8															15	16	12	5
10/ 9	.4	1.4	.5															18	21	10	13
8/ 7		1.4	.1															12	12	16	12
6/ 5	.1	2.8																23	26	14	8
4/ 3	1.0	1.1																17	21	30	7
2/ 1	1.1	1.5																21	34	16	5
0/ -1	4.3	1.7																47	61	49	24
-2/ -3	2.4	2.5																39	43	43	15
-4/ -5	1.7	3.0																37	41	25	15
-6/ -7	3.2	.1																26	36	44	24
-8/ -9	8.0																	63	76	63	17
-10/-11	6.5																	51	63	51	16
-12/-13	3.9																	31	35	31	6
-14/-15	4.3																	34	41	34	32
-16/-17	4.3																	34	40	34	29
-18/-19	8.5																	67	79	67	48
-20/-21	5.2																	41	46	41	32
-22/-23	6.9																	54	55	54	47
-24/-25	5.8																	46	48	46	40
-26/-27	3.2																	25	28	25	45
-28/-29	2.2																	17	19	17	47
-30/-31	.4																	3	6	3	27
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMA

17605 THULE AB GL
STATION STATION NAME

72-73-81

YEARS

PAGE 2 0300-05
HOURS L. S.

[illegible]

AD-A113 225 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
DEC 81
UNCLASSIFIED USAFETAC/OS-R2/U07 SBI-AD-E850 141 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND, REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
DEC 81
USAF/TAC/DS-R2/U07 SBI-AD-E850 141 NL

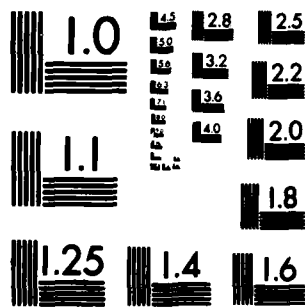
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NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI STATION NAME 70,73-81 YEARS JAN MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
40/ 39			.1															1	1						
38/ 37		.3																2	2						
36/ 35																					3				
34/ 33				.1														1	1						
32/ 31				.1														1	1		3				
30/ 29				.1														1	1						
28/ 27	.1		.4															4	4	2					
26/ 25				.1														1	2	1	1				
24/ 23		.4	.3															5	7	5					
22/ 21		.5	.6	.1														10	10	3	1				
20/ 19		.4	.3															5	7	6	1				
18/ 17		1.3	.4	.1														14	14	9					
16/ 15	.1	.6	.3															8	11	14	2				
14/ 13		.6	.3															7	8	9	3				
12/ 11		.9	.1															8	10	9	8				
10/ 9	.1	1.1	.9															17	23	11	6				
8/ 7	.1	1.0	.4															12	12	15	12				
6/ 5	.6	1.4																16	21	17	13				
4/ 3	.4	2.4																22	23	15	6				
2/ 1	.8	2.4																25	31	23	6				
0/ -1	5.8	2.0																62	74	65	14				
-2/ -3	2.4	2.1																36	38	46	12				
-4/ -5	2.9	2.3																41	52	32	24				
-6/ -7	3.5																	28	36	42	21				
-8/ -9	6.5																	52	68	52	25				
-10/-11	4.9																	39	47	39	22				
-12/-13	4.8																	38	42	38	15				
-14/-15	6.3																	50	60	50	32				
-16/-17	5.5																	44	48	44	33				
-18/-19	6.8																	54	72	54	49				
-20/-21	4.1																	33	34	33	29				
-22/-23	6.5																	52	53	52	58				
-24/-25	6.2																	49	50	49	34				
-26/-27	3.4																	27	29	27	49				
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GL STATION NAME 70, 73-81 YEARS JAN MONTH
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
38/ 37		.1	.1															2	2							
36/ 35		.1																1	1	1						
34/ 33																					2					
32/ 31				.1														1	1		2					
30/ 29				.1														1	1		1					
28/ 27				.3														2	5							
26/ 25		.4	.4	.3														8	8	5						
24/ 23				.1														1	1	3	1					
22/ 21		.3																2	2	2	2					
20/ 19		.4	.3															5	7	4						
18/ 17		.9	.5															11	13	4						
16/ 15		.9	.6															12	16	15	2					
14/ 13		1.0	.6															13	15	11						
12/ 11	.4	.9	.1															11	11	13	3					
10/ 9	.5	1.8	1.0															26	35	16	15					
8/ 7	.1	1.0	.1															10	10	18	12					
6/ 5	.1	1.9																16	19	13	11					
4/ 3		1.4																11	12	15	9					
2/ 1	.6	2.4																24	25	19	4					
0/ -1	3.7	2.8																51	58	48	15					
-2/ -3	1.5	2.8																34	37	48	9					
-4/ -5	3.2	2.9																45		37	23					
-6/ -7	6.3																	50		66	16					
-8/ -9	6.3																	50	6	50	23					
-10/-11	6.6																	52	61	52	19					
-12/-13	3.0																	24	32	24	17					
-14/-15	4.7																	37	42	37	33					
-16/-17	5.5																	43	50	43	32					
-18/-19	7.5																	59	76	59	58					
-20/-21	5.8																	46	48	46	32					
-22/-23	6.7																	53	54	53	47					
-24/-25	5.1																	40	41	40	40					
-26/-27	2.4																	19	25	19	60					
-28/-29	1.4																	11	14	11	48					
Element (X)	Σ x ²		Σ x		Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION IMULE AB GL STATION NAME 70, 73-81 YEARS JAN MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
36/ 37			.3															2	2						
36/ 35		.1																1	1						
34/ 33																				3					
30/ 29				.3														2	2		3				
28/ 27			.3	.3														4	8						
26/ 25		.1	.3	.3														5	5	2					
24/ 23		.5	.1															5	5	5					
22/ 21		.3	.4															5	7	6					
20/ 19		.6	.5															9	9	5	2				
18/ 17		.9	.4	.3														12	14	9	2				
16/ 15		1.0	.5															12	12	12	2				
14/ 13	.1	.3	.1															4	4	12	3				
12/ 11	.5	1.0	.6															17	18	13	4				
10/ 9	.3	2.6	.9															29	39	13	15				
8/ 7	.1	.1	.1															3	3	26	7				
6/ 5	.3	1.5																14	22	7	15				
4/ 3	.1	2.0																17	17	12	6				
2/ 1	.9	1.8																21	23	24	5				
0/ -1	3.6	1.9																43	57	44	19				
-2/ -3	2.7	3.2																46	49	49	9				
-4/ -5	2.3	4.0																49	55	32	22				
-6/ -7	3.7	.3																31	42	57	19				
-8/ -9	6.9																	54	63	54	16				
-10/-11	6.3																	49	62	49	21				
-12/-13	4.1																	32	36	32	20				
-14/-15	4.0																	31	40	31	37				
-16/-17	6.9																	54	63	54	31				
-18/-19	7.2																	56	68	56	56				
-20/-21	4.1																	32	33	32	33				
-22/-23	7.4																	58	61	58	36				
-24/-25	5.0																	39	43	39	37				
-26/-27	2.2																	17	19	17	52				
-28/-29	2.3																	18	21	18	52				
-30/-31	.4																	3	7	3	19				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

17605 THULE AB GL
STATION STATION NAME

70-73-81

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 70,73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 37		.4																3	3		
36/ 35																				3	
34/ 33																					2
32/ 31																					1
30/ 29			.1															1	1		
28/ 27		.1	.1	.5														6	11		
26/ 25		.1	.5															5	6	2	
24/ 23		.3	.3															4	4	3	
22/ 21		.1	.3	.1														4	4	10	
20/ 19		1.3	.8	.1														17	17	2	1
18/ 17		.9	.1															8	9	13	3
16/ 15		.8	1.1															15	15	14	2
14/ 13		.8																6	8	15	1
12/ 11		.4	.5															7	11	8	5
10/ 9	.1	2.4	.6															25	33	11	13
8/ 7	.1	.6	.3															8	10	22	14
6/ 5	.4	1.9																18	19	10	13
4/ 3	.1	1.5																13	16	15	1
2/ 1	1.1	3.0																33	34	22	9
0/ -1	4.5	2.4																55	69	64	22
-2/ -3	1.8	2.1																31	37	36	10
-4/ -5	2.8	2.8																44	51	36	22
-6/ -7	4.3	.3																36	40	53	17
-8/ -9	4.8																	38	51	38	23
-10/-11	6.2																	49	58	49	23
-12/-13	4.8																	38	42	38	19
-14/-15	5.8																	46	55	46	22
-16/-17	5.8																	46	53	46	34
-18/-19	7.7																	61	73	61	38
-20/-21	4.4																	35	37	35	31
-22/-23	6.4																	51	53	51	55
-24/-25	5.2																	41	46	41	53
-26/-27	2.8																	22	25	22	48
-28/-29	2.3																	18	20	18	49
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 70, 73-81 JAN 1800-2000
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
40/ 39			.1															1	1												
36/ 37		.3																2	2	1											
36/ 35																				2											
32/ 31																						3									
30/ 29		.1	.1	.1														3	4												
26/ 27			.4	.3														5	7	1											
26/ 25		.4	.6	.3														10	13	2	1										
24/ 23		.4	.1															4	4	8	1										
22/ 21		.3	.4															5	5	11											
20/ 19		.3	.3															4	4	2											
18/ 17		1.3	1.1															19	19	6	2										
16/ 15		.6	1.1															14	14	15	7										
14/ 13	.3	.4	.3															7	8	19	3										
12/ 11		1.0	.4															11	11	10	10										
10/ 9	.1	1.8	.1															16	24	9	11										
8/ 7	.1	.6	.1															7	10	16	8										
6/ 5	.4	1.8																17	20	10	9										
4/ 3	.3	2.6																23	26	18	9										
2/ 1	.6	2.4																24	27	28	8										
0/ -1	4.4	2.9																58	73	54	23										
-2/ -3	1.6	2.1																30	30	43	7										
-4/ -5	2.5	2.0																36	43	30	17										
-6/ -7	5.4	.4																46	53	57	27										
-8/ -9	5.9																	47	61	47	25										
-10/ -11	6.5																	52	60	52	25										
-12/ -13	4.5																	36	42	36	10										
-14/ -15	7.3																	58	65	58	24										
-16/ -17	6.5																	52	55	52	22										
-18/ -19	5.5																	44	55	44	54										
-20/ -21	5.0																	40	42	40	29										
-22/ -23	4.6																	37	39	37	46										
-24/ -25	4.1																	33	36	33	53										
-26/ -27	3.8																	30	34	30	53										
-28/ -29	2.1																	17	23	17	41										
Element (X)	Σ X ²		Σ X		Σ	°F	Mean No. of Hours with Temperature																								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

2100-2300

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

17675 THULE AB GL
STATION STATION NAME

70.73-81

YEARS

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

SERVICE/MAC

FILE AB GL

70-73-81

YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605
STATION

IMULE AB GL

STATION NAME

70-73-81

YEARS

FFB

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30 / 29				.1														1	1		
28 / 27			.3															2	2		
24 / 23																				3	
22 / 21			.1															1	1		
20 / 19			.1															1	1		
18 / 17			.3															2	2	2	
16 / 15		.5	.4															7	7		
14 / 13			.4															3	3	6	
12 / 11	.1	.1																2	2	7	2
10 / 9		1.8	.1															15	15	3	2
8 / 7		.6	.1															6	9	13	
6 / 5	.5	1.8																18	18	10	4
4 / 3	.4	1.8																17	17	21	2
2 / 1	1.5	2.8																34	34	23	4
0 / -1	3.3	2.7																47	48	50	18
-2 / -3	1.4	1.2																20	20	34	12
-4 / -5	2.9	3.1																47	48	31	22
-6 / -7	5.5																	43	45	63	14
-8 / -9	6.3																	49	49	49	14
-10 / -11	6.0																	47	47	47	22
-12 / -13	3.2																	25	26	25	13
-14 / -15	4.9																	38	40	38	28
-16 / -17	5.5																	43	43	43	25
-18 / -19	9.5																	74	74	74	38
-20 / -21	5.9																	46	46	46	29
-22 / -23	9.1																	71	82	71	50
-24 / -25	5.5																	43	50	43	65
-26 / -27	2.7																	21	26	21	65
-28 / -29	3.7																	29	30	29	49
-30 / -31	.9																	7	7	7	32
-32 / -33	1.4																	11	11	11	54
-34 / -35	1.5																	12	12	12	45
-36 / -37																			8		50
-38 / -39																			6		30
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

PAGE 2 0000-0200
HOURS (L. S. - T.)

[illegible]

PSYCHROMETRIC SUMMARY

FER
MONT

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 27			.1															1	1		
26/ 25		.1																1	1		
24/ 23		.1																1	1	2	
22/ 21																				1	
20/ 19				.1														1	1		
18/ 17		.4	.5															7	7		
16/ 15																				4	2
14/ 13		.1	.5															5	5	4	1
12/ 11		.3	.1															3	3	5	
10/ 9		1.4																11	11	3	
8/ 7		.4	.3															5	5	12	1
6/ 5	.5	1.7																17	20	9	2
4/ 3	.4	2.8																25	25	16	4
2/ 1	.8	2.3																24	24	28	4
0/ -1	4.1	2.2																49	49	53	18
-2/ -3	2.2	1.0																25	25	37	8
-4/ -5	2.2	3.2																42	43	22	22
-6/ -7	5.0																	39	40	60	12
-8/ -9	6.8																	53	53	53	15
-10/-11	7.4																	58	59	58	23
-12/-13	2.7																	21	21	21	14
-14/-15	6.2																	49	52	49	30
-16/-17	5.4																	42	42	42	19
-18/-19	9.0																	71	71	71	44
-20/-21	6.6																	52	53	52	29
-22/-23	7.4																	58	65	58	58
-24/-25	6.1																	48	57	48	57
-26/-27	3.7																	29	34	29	58
-28/-29	1.8																	14	15	14	54
-30/-31	1.1																	9	9	9	36
-32/-33	1.4																	11	11	11	57
-34/-35	1.8																	14	14	14	39
-36/-37																			13		45
-38/-39																			6		31
Element (X)																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

FEB
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17675 STATION IHWLF AB GI 70.73-81 YEARS FEB MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
30/ 29			.1	.1														2	2					
28/ 27			.1															1	1					
26/ 25			.3															2	2	2				
24/ 23																				3				
20/ 19		.1																1	1					
18/ 17		.1	.1															2	2	1				
16/ 15		.3	.1															3	3	2	4			
14/ 13			.1															1	1	3	2			
12/ 11		.1																1	1	1				
10/ 9		1.4																11	11	3				
8/ 7		.9	.4															10	10	11	1			
6/ 5	.5	2.3																22	22	12	4			
4/ 3	.8	1.7																19	19	25				
2/ 1	.9	2.4																26	28	21	7			
0/ -1	2.7	2.4																40	41	40	22			
-2/ -3	1.4	.9																18	19	32	8			
-4/ -5	3.8	2.4																49	49	35	13			
-6/ -7	6.5	.1																52	53	69	8			
-8/ -9	7.0																	55	55	55	20			
-10/-11	6.4																	50	51	50	14			
-12/-13	3.1																	24	27	24	21			
-14/-15	5.5																	43	43	43	37			
-16/-17	6.6																	52	52	52	23			
-18/-19	10.8																	85	86	85	49			
-20/-21	5.2																	41	41	41	27			
-22/-23	5.2																	41	51	41	68			
-24/-25	5.6																	44	52	44	48			
-26/-27	3.3																	26	26	26	39			
-28/-29	3.1																	24	28	24	59			
-30/-31	1.8																	14	14	14	39			
-32/-33	1.5																	12	13	12	47			
-34/-35	1.8																	14	14	14	40			
-36/-37																			11		44			
-38/-39																			7		29			
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.									≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GL STATION NAME 70,73-81 YEARS FEB MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
26/ 27		.4																	3	3			
26/ 25			.1																1	1	3		
24/ 23		.3																	2	2	1		
22/ 21																					2	1	
20/ 19			.4																3	3		2	
18/ 17																					2		
16/ 15			.1																1	1	1	3	
14/ 13			.1																1	1			
12/ 11			.5																4	4	2		
10/ 9		.8																	6	6	3		
8/ 7		1.0																	8	8	8	3	
6/ 5	.1	2.3																	19	19	9		
4/ 3	.4	1.5																	15	15	21		
2/ 1	1.4	2.4																	30	30	23	1	
0/ -1	4.1	1.1																	41	47	53	14	
-2/ -3	1.5	1.9																	27	27	32	8	
-4/ -5	3.3	2.5																	46	46	34	18	
-6/ -7	7.4	.1																	59	59	72	15	
-8/ -9	7.6																		60	60	60	15	
-10/-11	7.0																		55	55	55	19	
-12/-13	2.5																		20	23	20	21	
-14/-15	7.3																		57	57	57	24	
-16/-17	6.2																		49	51	49	31	
-18/-19	8.2																		64	64	64	50	
-20/-21	5.6																		44	45	44	38	
-22/-23	6.6																		52	57	52	70	
-24/-25	5.1																		40	44	40	44	
-26/-27	3.2																		25	31	25	51	
-28/-29	2.3																		18	20	18	51	
-30/-31	1.9																		15	15	15	30	
-32/-33	1.4																		11	12	11	64	
-34/-35	1.1																		9	10	9	42	
-36/-37																				11		39	
-38/-39																				6		30	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	20,73-81	FEA
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23		.4	.4															6	6		
22/ 21																				3	
20/ 19																				3	
18/ 17				.1														1	1	2	
16/ 15		.1	.1															2	2	1	
14/ 13			.1															1	1	2	
12/ 11		.3	.1															3	3	2	
10/ 9	.1	.9	.3															10	10	4	
8/ 7	.1	.4	.3															6	6	11	
6/ 5	.1	2.5																21	21	5	
4/ 3	.1	2.3																19	19	21	
2/ 1	1.1	2.3																27	27	28	
0/ -1	4.6	1.9																51	55	57	
-2/ -3	1.1	2.0																25	25	33	
-4/ -5		3.4	3.0															51	51	37	
-6/ -7	5.5																	43	45	60	
-8/ -9	7.9																	62	62	62	
-10/-11	6.1																	48	48	48	
-12/-13	2.9																	23	23	23	
-14/-15	5.6																	44	45	44	
-16/-17	6.4																	50	50	50	
-18/-19	10.9																	86	88	86	
-20/-21	4.6																	36	36	36	
-22/-23	8.0																	63	71	63	
-24/-25	4.2																	33	39	33	
-26/-27	2.8																	22	25	22	
-28/-29	3.8																	30	30	30	
-30/-31	.8																	6	6	6	
-32/-33	1.1																	9	9	9	
-34/-35	1.1																	9	11	9	
-36/-37																			15		
-38/-39																			2		
-40/-41																			8		
-42/-43																			4		
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17605 THULE AB GL STATION NAME 70.73-81 YEARS FFB MONTH FFB

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 27			.1															1	1			
24/ 23			.3															2	2	1		
22/ 21		.1	.1	.1														3	3	1		
20/ 19		.3																2	2	3		
18/ 17		.3	.4															5	5	3	1	
16/ 15			.4															3	3	2	1	
14/ 13		.1	.4															4	4	4	2	
12/ 11		.1	.3															3	4	4	1	
10/ 9		.6																5	5	7	3	
8/ 7	.1	.1	.1															3	3	4	1	
6/ 5	.6	1.3																15	16	7	2	
4/ 3	.1	1.8																15	16	12	4	
2/ 1	.9	3.5																34	34	22	5	
0/ -1	4.4	1.5																46	50	63	11	
-2/ -3	1.5	2.2																29	29	33	5	
-4/ -5	2.9	1.9																38	39	32	10	
-6/ -7	5.2																	41	43	51	17	
-8/ -9	8.5																	66	66	66	22	
-10/-11	5.4																	42	42	42	22	
-12/-13	4.5																	35	35	35	14	
-14/-15	6.9																	54	56	54	23	
-16/-17	5.0																	39	40	39	36	
-16/-19	11.1																	87	88	87	56	
-20/-21	4.9																	38	38	38	28	
-22/-23	6.8																	53	57	53	45	
-24/-25	3.7																	29	31	29	49	
-26/-27	4.9																	38	46	38	66	
-28/-29	2.9																	23	25	23	58	
-30/-31	1.3																	10	10	10	30	
-32/-33	.9																	7	7	7	39	
-34/-35	1.4																	11	11	11	47	
-36/-37																			20		53	
-38/-39																			2		30	
-40/-41																			7		43	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

FE8
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

SERVICE/MAC

FILE AB GI

STATION NAME

70-73-81

YEARS

FEB
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 THULE AB GI STATION NAME

70.73-81 YEARS

FEB MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 27			.1															1	1			
26/ 25			.1															1	1			
24/ 23		.1																1	1	1		
22/ 21																				2		
20/ 19		.1																1	1			
18/ 17		.3																2	2	1		
16/ 15		.4																3	3	3		
14/ 13		.3																2	2	2	3	
12/ 11		.3	.3															4	4	3		
10/ 9	.1	2.1	.3															19	19	5	1	
8/ 7		.9																7	7	21	4	
6/ 5	.1	1.5																13	13	4	3	
4/ 3	.5	1.2																13	13	16	3	
2/ 1	1.3	2.1																26	26	20	7	
0/ -1	6.5	1.8																65	65	67	15	
-2/ -3	1.3	2.6																30	30	39	8	
-4/ -5	3.2	3.3																51	51	36	22	
-6/ -7	5.6																	44	48	63	14	
-8/ -9	5.3																	41	42	41	14	
-10/-11	5.6																	44	46	44	25	
-12/-13	2.4																	19	21	19	20	
-14/-15	5.6																	44	44	44	24	
-16/-17	7.6																	59	59	59	29	
-18/-19	10.5																	82	82	82	44	
-20/-21	4.2																	33	35	33	37	
-22/-23	7.1																	55	65	55	50	
-24/-25	4.5																	35	38	35	46	
-26/-27	3.2																	25	30	25	57	
-28/-29	3.0																	23	28	23	67	
-30/-31	1.8																	14	14	14	20	
-32/-33	1.4																	11	11	11	50	
-34/-35	1.4																	11	11	11	39	
-36/-37																			16		53	
-38/-39																			4		25	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-40/-41																			4		32			
-42/-43																			4		25			
-44/-45																			2		9			
-46/-47																			3		22			
-48/-49																					10			
-50/-51																					1			
TOTAL	82.4	16.8	.8															779	846	779	779			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GL STATION NAME 70,73-81 YEARS FEB MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
36/ 29			.0	.0														4	4					
28/ 27		.0	.1															10	10					
26/ 25		.0	.1															6	6	6				
24/ 23		.1	.1															13	13	12				
22/ 21		.0	.0	.0														4	4	10	1			
20/ 19		.1	.1	.0														11	11	7	2			
18/ 17		.1	.2	.0														20	20	11	3			
16/ 15		.2	.1															21	21	13	11			
14/ 13		.1	.2															21	22	23	9			
12/ 11	.0	.2	.2															25	27	28	8			
10/ 9	.0	1.2	.2															87	88	33	12			
8/ 7	.0	.6	.1															51	54	89	13			
6/ 5	.3	1.9																141	145	66	18			
4/ 3	.4	1.9																141	142	146	19			
2/ 1	1.1	2.4																224	226	198	35			
0/ -1	4.4	1.9																395	412	436	117			
-2/ -3	1.4	1.8																202	204	271	63			
-4/ -5	3.1	2.9																376	383	274	134			
-6/ -7	5.7	.1																362	374	491	117			
-8/ -9	7.1																	443	444	443	133			
-10/ -11	6.0																	378	383	378	167			
-12/ -13	3.2																	200	210	200	143			
-14/ -15	6.1																	381	390	381	233			
-16/ -17	6.2																	389	392	389	221			
-18/ -19	10.0																	624	629	624	396			
-20/ -21	5.3																	333	340	333	254			
-22/ -23	7.0																	438	500	438	441			
-24/ -25	4.9																	305	349	305	389			
-26/ -27	3.4																	213	251	213	458			
-28/ -29	2.9																	184	200	184	439			
-30/ -31	1.4																	86	87	86	266			
-32/ -33	1.3																	83	85	83	419			
-34/ -35	1.5																	91	96	91	351			
-36/ -37																			105		364			
Element (X)	Σ X ²		Σ X		X	°X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULF AB GI STATION NAME 70, 73-81 YEARS MAR MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
30/ 29		.2	.1															3	3				
26/ 27		.3		.1														4	4	3			
26/ 25				.1														1	1	3	1		
24/ 23				.1														1	1		1		
22/ 21	.1		.1															2	2	2	3		
20/ 19	.1	.2	.1															4	4	2	2		
18/ 17	.1		.1	.1														3	3	5	1		
16/ 15			.4															4	4	2	3		
14/ 13		.3	.1															4	4	5			
12/ 11	.2	.6	.3															10	10	6	1		
10/ 9	.4	2.0	.6															27	27	16	5		
8/ 7		1.8	.2															18	18	24			
6/ 5	.6	2.0																23	23	18	5		
4/ 3	.1	2.4																23	23	19	10		
2/ 1	.3	1.9																20	20	26	6		
0/ -1	3.3	2.9																56	56	48	21		
-2/ -3	.9	1.8																24	24	42	10		
-4/ -5	2.6	1.9																40	40	33	15		
-6/ -7	4.1																	37	37	50	10		
-8/ -9	8.9																	80	80	80	22		
-10/-11	5.8																	52	52	52	25		
-12/-13	5.6																	50	50	50	17		
-14/-15	6.2																	56	56	56	35		
-16/-17	7.0																	63	64	63	37		
-18/-19	10.4																	94	94	94	52		
-20/-21	4.9																	44	45	44	51		
-22/-23	5.8																	52	55	52	58		
-24/-25	3.1																	28	37	28	63		
-26/-27	2.9																	26	35	26	86		
-28/-29	2.8																	25	28	25	59		
-30/-31	1.1																	10	11	10	36		
-32/-33	.9																	8	8	8	55		
-34/-35	.9																	8	9	8	45		
-36/-37																			2		55		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$			Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION INHLE AB GL STATION NAME 70,73-81 YEARS MAR MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35			.1															1	1		
34/ 33			.2															2	2		
32/ 31		.1																1	1	3	
30/ 29		.2																2	2	1	
28/ 27		.1																1	1	3	
26/ 25																					4
24/ 23				.1														1	1		3
22/ 21	.2	.1	.1															4	4	2	
20/ 19			.2	.1														3	3	2	2
18/ 17	.1		.2															3	3	2	
16/ 15	.6		.3															8	8	7	3
14/ 13		.4																4	4	2	3
12/ 11		.8	.8															14	15	10	
10/ 9	.3	1.2	.6															19	19	14	4
8/ 7		1.1	.2															12	12	20	2
6/ 5	.7	1.9																23	23	15	6
4/ 3	.3	1.6																17	17	20	5
2/ 1	.4	2.9																30	30	20	2
0/ -1	4.0	1.7																51	51	61	20
-2/ -3	.9	1.9																25	25	33	10
-4/ -5	3.0	2.3																48	48	39	15
-6/ -7	3.9	.1																36	36	51	18
-8/ -9	5.9																	53	53	53	17
-10/-11	7.1																	64	64	64	21
-12/-13	3.9																	35	35	35	19
-14/-15	8.3																	75	75	75	31
-16/-17	7.3																	66	69	66	35
-18/-19	10.3																	93	93	93	64
-20/-21	5.0																	45	46	45	37
-22/-23	5.9																	53	55	53	67
-24/-25	2.7																	24	31	24	75
-26/-27	3.7																	33	38	33	69
-28/-29	2.2																	20	25	20	68
-30/-31	2.0																	18	19	18	38
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL STATION NAME 70, 73-81 YEARS MAR MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31			.2															2	2		
31/ 29		.1	.1															2	2	1	
28/ 27		.6			.1													6	6	4	
26/ 25			.1															1	1	4	
24/ 23				.1														1	1		4
22/ 21		.2																2	2	2	2
20/ 19		.1	.2															3	3	3	3
18/ 17	.2		.6	.1														8	8	3	
16/ 15	.1	.1	.3															5	5	6	3
14/ 13			.2															2	2	3	1
12/ 11	.3	.7	.7															15	15	9	2
11/ 9	.6	1.3	.2															19	19	15	7
8/ 7	.2	.7	.3															11	11	20	2
6/ 5	.3	1.9																20	20	10	7
4/ 3	.7	1.1																16	16	23	3
2/ 1	.9	2.1																27	27	18	4
0/ -1	4.3	1.9																53	53	59	27
-2/ -3	1.4	2.0																31	31	41	7
-4/ -5	3.1	1.7																43	43	36	18
-6/ -7	3.5																	32	32	42	14
-8/ -9	5.4																	49	49	49	21
-10/-11	7.0																	63	63	63	14
-12/-13	3.8																	34	35	34	9
-14/-15	8.5																	77	79	77	43
-16/-17	6.6																	60	60	60	30
-18/-19	12.6																	114	114	114	48
-20/-21	6.3																	57	57	57	51
-22/-23	5.2																	47	52	47	71
-24/-25	2.8																	25	30	25	64
-26/-27	1.3																	12	18	12	55
-28/-29	3.3																	30	32	30	81
-30/-31	2.5																	23	25	23	31
-32/-33	1.1																	10	10	10	60
-34/-35	.7																	6	7	6	46
Element (X)	Σ x ²		Σ x		Σ	σ _s	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605 THULE AB GL
STATION STATION NAME

70.73-81

YEARS

MAR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 70, 73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
36/ 35				.1														1	1					
34/ 33			.1															1	1					
32/ 31			.1															1	1					
30/ 29					.2													2	2	3				
28/ 27		.4																4	4					
26/ 25		.1																1	1	4				
24/ 23		.2	.1															3	3	5	2			
22/ 21		.2		.1														3	3		2			
20/ 19		.2	.9	.6														15	15	3	5			
18/ 17	.1	.1																2	2	3	1			
16/ 15			.3															3	3	10	1			
14/ 13		.7	.2															8	8	6				
12/ 11		.7	.3															9	9	13	1			
10/ 9	.3	1.3	.7															21	21	13	5			
8/ 7		.7																6	7	14	3			
6/ 5	.3	2.4																25	25	9	17			
4/ 3	.4	2.3																25	25	26	6			
2/ 1	1.0	3.1																37	37	31	4			
0/ -1	3.5	1.2																43	43	64	18			
-2/ -3	1.2	2.0																29	29	29	5			
-4/ -5	2.9	2.7																50	50	36	20			
-6/ -7	4.1																	37	38	57	19			
-8/ -9	6.4																	58	58	58	18			
-10/-11	5.5																	50	50	50	30			
-12/-13	6.0																	54	54	54	14			
-14/-15	9.7																	88	88	88	28			
-16/-17	7.9																	71	71	71	39			
-18/-19	8.4																	76	76	76	58			
-20/-21	4.3																	39	40	39	44			
-22/-23	5.1																	46	52	46	62			
-24/-25	2.1																	19	24	19	84			
-26/-27	2.9																	26	34	26	62			
-28/-29	2.4																	22	24	22	52			
-30/-31	1.9																	17	17	17	43			
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MAR
MONTH

HOURS: 11 A.M. - 5 P.M.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

605 THULE AB GI 70,73-81 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/29		.2																2	2			
8/27		.4																4	4	3		
6/25			.1															1	1	3		
4/23		.1																1	1		3	
2/21		.3	.2	.2														7	7	2	3	
0/19		.1	.8	.1														9	9	3	1	
8/17		.8	.2	.1														10	10	5	2	
6/15		.7	.1															7	7	16		
4/13		.3	.5															8	8	8		
2/11		.7	.7															12	12	9	2	
0/9	.2	1.1	.4															16	16	11	5	
8/7		.9	.1															9	9	17	5	
6/5	.7	1.6																21	21	15	16	
4/3	.7	2.3																27	27	21	5	
2/1	.8	3.1																35	35	30	9	
0/-1	5.4	2.3																70	70	80	12	
-2/-3	.9	2.3																29	29	40	8	
-4/-5	3.6	1.8																49	49	44	20	
-6/-7	5.3	.1																49	51	59	18	
-8/-9	7.7																	70	70	70	29	
-10/-11	7.8																	71	71	71	36	
-12/-13	6.7																	55	55	55	14	
-14/-15	8.1																	74	74	74	42	
-16/-17	7.6																	69	69	69	44	
-18/-19	6.6																	60	60	60	71	
-20/-21	3.6																	33	33	33	44	
-22/-23	4.8																	44	47	44	77	
-24/-25	2.5																	23	28	23	69	
-26/-27	2.4																	22	24	22	46	
-28/-29	1.2																	11	14	11	64	
-30/-31	1.2																	11	12	11	39	
-32/-33	.3																	3	3	3	56	
-34/-35																					58	
-36/-37																					45	
Element (X)	Σ x²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
sl. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

MAR
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 ITHULE AB GI 70.73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
28/ 27		.1															1	1		
26/ 25		.2															2	2	1	
24/ 23		.3															3	3	3	
22/ 21		.2															2	2	2	1
20/ 19	.1		.5	.1													7	7	3	2
18/ 17	.2	.1	.2														6	7	3	4
16/ 15		1.1	.5														15	15	5	3
14/ 13		.7	.1														7	7	14	1
12/ 11	.3	.9	.7														17	17	21	
10/ 9	.1	1.0	.3														13	13	6	5
8/ 7	.2		.4														6	6	15	6
6/ 5	1.0	2.4															31	31	13	18
4/ 3	.4	1.8															20	20	26	7
2/ 1	.3	4.5															44	44	21	6
0/ -1	4.7	1.1															53	53	84	13
-2/ -3	1.4	2.8															39	39	35	7
-4/ -5		3.4															66	68	56	17
-6/ -7	4.5																41	41	63	26
-8/ -9	7.5																69	69	69	28
-10/-11	8.3																76	76	76	27
-12/-13	6.1																56	56	56	18
-14/-15	9.0																82	82	82	39
-16/-17	6.3																58	58	58	42
-18/-19	5.0																46	47	46	76
-20/-21	5.0																46	47	46	43
-22/-23	4.3																39	42	39	88
-24/-25	2.8																26	30	26	57
-26/-27	2.4																22	25	22	58
-28/-29	1.1																10	10	10	67
-30/-31	.7																6	6	6	44
-32/-33	.5																5	5	5	55
-34/-35																				40
-36/-37																		1		46
-38/-39																				16
Element (X)	2x'		2x		x		°x		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel. Hum.											± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

12605	INULE AB GL
STATION	STATION NAME

70-73-81

YEARS

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point	
-41/-41																					11	
-42/-43																					9	
-44/-45																					13	
-46/-47																					13	
-48/-49																					8	
TOTAL	76.4	20.6	2.7	.3															914	930	914	
																		914		914		
																		</				

PSYCHROMETRIC SUMMARY

MAR
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 THULE AB GL 70.73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
32/ 31			.1															1	1								
30/ 29					.1													1	1								
28/ 27		.3																3	3	1							
26/ 25		.2																2	2	3							
24/ 23			.3															3	3	2							
22/ 21				.1														1	1	3	2						
20/ 19				.1														1	1	1	4						
18/ 17			.1															1	1								
16/ 15	.3	.1	.8															11	11	5							
14/ 13			.4															4	4	3							
12/ 11	.3	.3	.3															9	9	11	8						
10/ 9	.2	1.9	.4															29	29	20	7						
8/ 7	.2	1.9																19	19	22	2						
6/ 5	.6	1.7																20	21	20	3						
4/ 3	.2	1.7																17	17	16	4						
2/ 1	.6	2.9																31	31	21	5						
0/ -1	2.8	2.7																49	49	55	23						
-2/ -3	2.8	1.6																39	39	53	7						
-4/ -5	2.8	2.2																45	45	32	27						
-6/ -7	5.6	.1																51	51	69	18						
-8/ -9	6.4																	58	58	58	17						
-10/-11	7.7																	69	70	69	17						
-12/-13	3.4																	31	31	31	20						
-14/-15	7.7																	69	69	69	33						
-16/-17	5.2																	47	47	47	29						
-18/-19	8.4																	76	76	76	66						
-20/-21	6.4																	58	58	58	44						
-22/-23	5.2																	47	58	47	57						
-24/-25	2.9																	26	33	26	70						
-26/-27	3.6																	32	39	32	63						
-28/-29	3.1																	28	29	28	75						
-30/-31	.9																	8	9	8	40						
-32/-33	1.1																	10	10	10	51						
-34/-35	.4																	4	5	4	59						
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

YEARS

MAE
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17625 STATION THULE AB GL STATION NAME 70, 73-81 YEARS MAR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
36 / 35			.0	.0														2	2				
34 / 33			.0															3	3				
32 / 31		.0	.1															5	5	3			
30 / 29		.1	.0		.0													12	12	5			
28 / 27		.3		.0	.0													26	26	14			
26 / 25		.1	.0	.0														8	8	21	5		
24 / 23		.1	.1	.0														15	15	10	13		
22 / 21	.0	.2	.1	.1														22	22	13	13		
20 / 19	.0	.1	.3	.1														42	42	20	22		
18 / 17	.1	.1	.2	.1														39	40	22	8		
16 / 15	.2	.2	.4	.0														62	62	53	14		
14 / 13	.0	.4	.2															48	48	48	7		
12 / 11	.2	.7	.5															103	104	97	15		
10 / 9	.5	1.5	.4															170	170	120	44		
8 / 7	.1	1.0	.2															90	91	151	22		
6 / 5	.6	2.0																184	185	113	80		
4 / 3	.4	1.8																165	166	173	48		
2 / 1	.6	2.9																249	249	188	53		
0 / -1	4.1	2.0																437	437	521	151		
-2 / -3	1.4	2.0																246	246	305	56		
-4 / -5	3.3	2.3																408	410	339	152		
-6 / -7	4.5	.1																332	335	452	144		
-8 / -9	6.9																	502	502	502	179		
-10 / -11	7.0																	510	511	510	196		
-12 / -13	5.1																	368	369	368	134		
-14 / -15	8.0																	510	582	580	283		
-16 / -17	6.9																	497	501	497	293		
-18 / -19	8.6																	624	625	624	501		
-20 / -21	5.1																	368	374	368	350		
-22 / -23	5.1																	366	403	366	550		
-24 / -25	2.8																	202	250	202	549		
-26 / -27	2.8																	206	250	206	512		
-28 / -29	2.1																	155	175	155	533		
-30 / -31	1.5																	108	114	108	321		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

PAGE 2 ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 70,73-81 YEARS APR MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
34 / 33			.1	.1														2	2						
32 / 31																					1				
30 / 29			.1															1	1	1					
28 / 27		.3	.2															5	5	1	1				
26 / 25		.3	.2															5	5	4					
24 / 23		.8	.5															11	11	4					
22 / 21	.1	.8		.1														9	9	12	2				
20 / 19	.2	.6	.2	.3														12	12	11	5				
18 / 17	.1	.6	.5	.3														13	15	6	5				
16 / 15		.9	.7															14	14	14	6				
14 / 13	.2	.9	.6															15	15	22	8				
12 / 11	.3	1.1	.5															17	17	13	7				
10 / 9	.1	4.7	.6															48	50	25	29				
8 / 7		2.1																19	19	43					
6 / 5	1.7	3.0																42	44	32	9				
4 / 3	1.6	4.5																54	54	39	16				
2 / 1	1.4	2.5																34	35	53	15				
0 / -1	8.1	3.0																99	99	95	66				
-2 / -3	2.3	3.3																49	49	66	19				
-4 / -5	4.7	3.7																75	76	58	39				
-6 / -7	5.2	.1																47	48	71	37				
-8 / -9	6.2																	55	56	55	39				
-10 / -11	6.2																	55	56	55	29				
-12 / -13	5.2																	46	46	46	39				
-14 / -15	5.4																	48	48	48	39				
-16 / -17	4.1																	36	37	36	39				
-18 / -19	5.1																	45	45	45	59				
-20 / -21	1.7																	15	15	15	43				
-22 / -23	1.7																	15	15	15	72				
-24 / -25	.2																	2	2	2	54				
-26 / -27																					45				
-28 / -29																					32				
-30 / -31																					18				
-32 / -33																					27				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 ITHULF AB GL STATION NAME 70,73-81 YEARS APR MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
34 / 33			.3															3	3			
32 / 29			.3	.1														4	4	3		
28 / 27			.2															2	2	3		
26 / 25		.3	.1															4	4	1		
24 / 23		.2	.3		.2													7	7	5	2	
22 / 21	.1	.9	.1															10	10	5	4	
20 / 19		1.2	.5	.3														18	18	10	2	
18 / 17		1.1	.2	.3														15	16	17	4	
16 / 15		.2	.9															10	12	11	3	
14 / 13		1.0	.5															13	13	13	9	
12 / 11	.7	.9	.2															16	16	28	5	
10 / 9	.6	4.7	.3															50	50	25	34	
8 / 7	.3	1.0	.2															14	15	35	4	
6 / 5	1.5	3.4																43	44	28	10	
4 / 3	1.7	3.4																39	40	35	18	
2 / 1	1.5	3.3																42	43	45	16	
0 / -1	6.5	2.5																80	80	85	41	
-2 / -3	2.7	3.0																51	51	62	26	
-4 / -5	5.6	4.8																93	93	71	38	
-6 / -7	6.2	.3																58	61	90	44	
-8 / -9	5.1																	45	47	45	31	
-10 / -11	5.7																	51	51	51	37	
-12 / -13	4.7																	42	42	42	30	
-14 / -15	6.3																	56	56	56	41	
-16 / -17	5.4																	48	48	48	45	
-18 / -19	4.5																	40	40	40	50	
-20 / -21	2.3																	20	20	20	32	
-22 / -23	1.1																	10	10	10	84	
-24 / -25	.2																	2	2	2	61	
-26 / -27	.2																	2	2	2	37	
-28 / -29																					39	
-30 / -31																					30	
-32 / -33																					21	
-34 / -35																					10	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0300-0500
HOURS (L, S, T.)

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1605 THULE A3 GI STATION NAME 70.73-81 YEARS APR MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
32/ 31		.1																1	1					
30/ 29		.2	.3	.3	.1													9	9	1				
28/ 27		.3			.1													4	4	5				
26/ 25		.3	.3															6	6	6	3			
24/ 23		.2	.4		.2													8	8	4				
22/ 21		.4		.1														5	5	9	3			
20/ 19	.1	.8	.7	.2														16	16	7	2			
18/ 17		.7		.3														9	9	8	8			
16/ 15		1.3	.7															18	21	19	3			
14/ 13	.2	1.2																13	13	18	5			
12/ 11	.2	1.3	.3															17	17	18	4			
10/ 9	.3	4.7	.8															52	52	28	32			
8/ 7	.7	1.2	.1															18	18	43	3			
6/ 5	1.3	3.8																46	48	26	16			
4/ 3	1.3	3.9																47	48	42	20			
2/ 1	1.8	3.8																50	50	51	24			
0/ -1	7.3	3.6																97	97	102	47			
-2/ -3	3.5	2.1																50	50	73	22			
-4/ -5	3.7	4.5																73	73	52	40			
-6/ -7	5.9																	53	55	80	36			
-8/ -9	5.9																	53	54	53	39			
-10/-11	5.3																	47	47	47	33			
-12/-13	4.6																	41	41	41	35			
-14/-15	6.1																	54	54	54	36			
-16/-17	5.3																	47	47	47	37			
-18/-19	4.2																	37	37	37	64			
-20/-21	1.2																	11	11	11	54			
-22/-23	.6																	5	5	5	62			
-24/-25	.1																	1	1	1	58			
-26/-27	.2																	2	2	2	45			
-28/-29	.1																	1	1	1	43			
-30/-31																					14			
-32/-33																					10			
-34/-35																					18			
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
el. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Wet Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

APR
MONTH

0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0900-1100
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GI

STATION NAME

70.73-81

YEARS

APR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
34 / 33						.1												1	1			
32 / 31						.1												1	1			
30 / 29		.3	.2	.1		.1												7	7			
28 / 27		1.0	.5	.1														14	14	6		
26 / 25		.2	.3	.1														6	6	11	5	
24 / 23		.8	.6															12	12	7	1	
22 / 21		.7	.3	.3														12	12	11	1	
20 / 19		.8	.2	.6														14	16	13	5	
18 / 17		.2	.8	.1														10	11	9	5	
16 / 15		2.9	.6															31	33	30	7	
14 / 13	.1	.9	.7															15	16	17	9	
12 / 11	.8	2.1	.1															27	29	37	14	
10 / 9	1.5	6.8	1.0															82	86	34	30	
8 / 7	.3	4.9	.6															51	51	58	9	
6 / 5	2.3	7.0																82	82	71	31	
4 / 3	1.5	5.5																62	62	75	16	
2 / 1	1.4	6.0																65	67	63	36	
0 / -1	5.4	2.8																82	82	112	84	
-2 / -3	1.4	4.0																47	47	58	18	
-4 / -5	5.4	3.6																80	80	72	43	
-6 / -7	7.3	.1																66	66	83	51	
-8 / -9	6.8																	60	60	60	44	
-10 / -11	2.5																	22	22	22	27	
-12 / -13	1.6																	14	14	14	34	
-14 / -15	1.0																	9	9	9	61	
-16 / -17	.8																	7	7	7	49	
-18 / -19	.7																	6	6	6	91	
-20 / -21	.1																	1	1	1	34	
-22 / -23																					48	
-24 / -25																					22	
-26 / -27																					20	
-28 / -29																					16	
-30 / -31																					13	
-32 / -33																					7	
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

70-73-81

YEARS

APR
MONTH

PAGE 2

1000-1400
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION ITHULE AB GI STATION NAME 70,73-81 YEARS APR MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 31			.2			.1												3	3				
30/ 29		.1	.3		.1	.2												7	7				
28/ 27		1.0	.5	.1														14	14	6			
26/ 25		.5	.3	.1														8	8	13	3		
24/ 23		.7	.8	.2														15	15	7	1		
22/ 21		.7	.2	.2														10	10	12			
20/ 19		.8	.1	.5														12	12	13	11		
18/ 17		.9	.6															13	13	14	8		
16/ 15		2.7	1.2															35	36	25	6		
14/ 13	.1	1.8	.6															22	24	30	7		
12/ 11	.5	2.6	.6															32	35	30	13		
10/ 9	1.2	9.5	.8															102	104	47	32		
8/ 7	.1	3.5	.5															36	37	76	16		
6/ 5	2.4	7.4																87	87	60	21		
4/ 3	1.1	5.2																56	56	75	31		
2/ 1	1.6	4.3																52	52	63	54		
0/ -1	6.4	3.9																92	95	101	66		
-2/ -3	2.3	4.3																58	58	69	21		
-4/ -5	4.3	4.2																75	75	65	60		
-6/ -7	7.1	.2																65	65	88	41		
-8/ -9	5.4																	48	48	48	35		
-10/-11	2.1																	19	19	19	42		
-12/-13	.6																	5	5	5	22		
-14/-15	1.2																	11	11	11	61		
-16/-17	.8																	7	7	7	46		
-18/-19	.3																	3	3	3	89		
-20/-21	.1																	1	1	1	36		
-22/-23																					41		
-24/-25																					19		
-26/-27																					25		
-28/-29																					14		
-30/-31																					5		
-32/-33																					10		
-34/-35																					17		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 70,73-81 YEARS APR MONTH
PAGE 2 1500-1700 HOURS (L.S.T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GL STATION NAME 70.73-81 YEARS APR MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
32/ 31			.1															1	1				
30/ 29		.2	.1			.2												5	5				
28/ 27		1.0	.2	.1														12	12	5			
26/ 25		.2	.6		.1													8	8	10	3		
24/ 23		.3	.7															9	9	4			
22/ 21	.1	.5																5	5	15	3		
20/ 19	.1	.5	.1	.5														10	10	8	6		
18/ 17	.2	1.7	1.1	.1														28	28	6	8		
16/ 15		1.6	.6	.1														20	20	29	5		
14/ 13	.1	1.5	.3															17	18	23	11		
12/ 11	1.1	3.5	.7															47	48	30	19		
11/ 9	.8	7.3	.5															76	79	47	20		
8/ 7	.5	3.3	.7															39	40	71	9		
6/ 5	2.1	5.8																70	72	60	25		
4/ 3	1.5	3.8																47	47	58	28		
2/ 1	1.5	5.9																65	66	62	40		
1/ -1	7.3	3.8																99	100	102	84		
-2/ -3	1.2	2.5																33	34	55	18		
-4/ -5	4.3	3.8																72	74	59	48		
-6/ -7	8.0	.5																75	75	94	38		
-8/ -9	6.6																	58	58	58	43		
-10/-11	3.7																	33	33	33	29		
-12/-13	2.7																	24	25	24	30		
-14/-15	1.0																	9	9	9	41		
-16/-17	1.2																	11	11	11	58		
-18/-19	.9																	8	8	8	79		
-20/-21	.1																	1	1	1	44		
-22/-23	.2																	2	2	2	34		
-24/-25	.1																	1	1	1	39		
-26/-27																					20		
-28/-29																					17		
-30/-31																					9		
-32/-33																					17		
-34/-35																					19		
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	70-73-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 STATION THULE AB GL STATION NAME 70,73-81 YEARS APR MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31				.1														1	1		
30/ 29				.1														1	1		
28/ 27		.9	.2															10	10	2	
26/ 25		.3	.4															7	7	10	1
24/ 23		.3	.7															9	9	5	
22/ 21		.9		.1														9	9	5	4
20/ 19		.2	.6	.3														10	10	14	7
18/ 17	.1	.9	.6	.4														18	18	6	
16/ 15	.3	1.5	.4															20	20	28	3
14/ 13		.6	.1															6	6	13	13
12/ 11	.4	1.8	.2															22	23	17	15
10/ 9	.6	5.3	1.1															62	63	26	22
8/ 7	.6	2.4																26	26	56	7
6/ 5	2.5	3.9																57	58	44	12
4/ 3	2.1	4.8																62	64	54	20
2/ 1	1.7	3.9																50	51	61	28
0/ -1	7.1	3.5																94	95	95	61
-2/ -3	2.2	3.5																51	51	74	31
-4/ -5	3.6	3.0																59	60	47	41
-6/ -7	5.3	.1																48	48	65	39
-8/ -9	7.1																	63	65	63	32
-10/-11	5.7																	51	51	51	32
-12/-13	4.6																	41	41	41	21
-14/-15	5.5																	49	49	49	30
-16/-17	3.1																	28	28	28	45
-18/-19	1.5																	13	13	13	63
-20/-21	1.5																	13	13	13	49
-22/-23	.8																	7	7	7	78
-24/-25	.3																	3	3	3	50
-26/-27																					39
-28/-29																					16
-30/-31																					9
-32/-33																					19
-34/-35																					21
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605 STATION IHWLF AB GI STATION NAME 70.73-81 YEARS APR MONTH
PAGE 2 2100-2300 HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 STATION THULE AB GL STATION NAME 70,73-81 YEARS APR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
34/ 33			.1	.0		.0												6	6				
32/ 31		.0	.0	.0	.0	.1												12	12	1			
30/ 29		.1	.2	.1	.0	.1												41	41	8			
28/ 27		.6	.2	.0	.0													67	67	32	4		
26/ 25		.3	.4	.0	.0													50	50	62	17		
24/ 23		.5	.6	.0	.1													82	82	43	4		
22/ 21	.7	.6	.1	.1														65	65	77	19		
20/ 19	.1	.7	.4	.4														105	107	83	43		
18/ 17	.1	.8	.5	.3														116	121	77	39		
16/ 15	.0	1.7	.7	.0														174	184	180	37		
14/ 13	.1	1.1	.4															109	113	155	65		
12/ 11	.6	1.9	.4															206	215	191	96		
10/ 9	.8	6.0	.7															532	545	268	226		
8/ 7	.4	2.5	.3															226	230	426	51		
6/ 5	2.0	5.1																506	515	359	152		
4/ 3	1.5	4.5																422	426	454	169		
2/ 1	1.5	4.5																431	437	456	236		
0/ -1	6.9	3.3																730	735	810	539		
-2/ -3	2.3	3.1																377	378	511	176		
-4/ -5	4.4	4.0																595	599	472	352		
-6/ -7	6.5	.2																478	484	665	329		
-8/ -9	6.5																	459	465	459	293		
-10/-11	4.8																	338	339	338	270		
-12/-13	3.2																	228	229	228	233		
-14/-15	3.8																	268	268	268	355		
-16/-17	2.9																	203	204	203	373		
-18/-19	2.2																	159	159	159	576		
-20/-21	.9																	66	66	66	356		
-22/-23	.6																	41	41	41	477		
-24/-25	.1																	10	10	10	339		
-26/-27	.1																	4	4	4	253		
-28/-29	.0																	1	1	1	199		
-30/-31																					111		
-32/-33																					118		
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

2

1

ALL
HOURS (L. S. T.)

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

605 THULE AB GL STATION NAME 70,73-81 YEARS MAY MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
4/ 43				.3													3	3		
2/ 41					.1												1	1		
0/ 39			.2		.1												3	3		
6/ 37			.3	.9													11	11	3	
6/ 35			.2	.6	.1												9	9	2	
4/ 33				.3	.6	.1											10	10	5	
2/ 31		.4	.1	.1													6	6	12	1
0/ 29		.3	.8	.4													14	14	18	5
8/ 27	.3	3.1	1.1	.3													45	45	12	6
6/ 25	.6	4.3	1.3	.2	.1												61	61	44	14
4/ 23		1.2	3.1	.2													42	42	52	14
2/ 21	.9	4.5	2.5	.8													80	80	31	19
0/ 19	.8	5.9	2.9	.5													94	95	84	37
8/ 17	1.1	6.7	1.7	1.8													105	105	106	41
6/ 15	.5	4.3	3.2														75	75	105	49
4/ 13		2.7	1.6														40	41	51	41
2/ 11	1.0	4.1	1.4														60	60	101	63
0/ 9	1.1	3.6	2.9														70	70	53	113
8/ 7	1.0	3.0	.6														43	43	66	47
6/ 5	.9	1.5															22	22	36	63
4/ 3	.8	2.0															26	26	22	59
2/ 1	1.5	1.6															29	29	34	31
0/ -1	2.0	1.1															29	29	37	46
2/ -3	1.1	.9															18	18	21	17
4/ -5	.5	.6															11	11	9	27
6/ -7	1.2	.1															12	12	15	23
8/ -9	.3																3	3	3	28
1/ -11	.1																1	1	1	25
2/ -13																				10
4/ -15	.1																1	1	1	17
6/ -17	.4																4	4	4	14
8/ -19																				15
0/ -21																				31
2/ -23																				39
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
el. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

PAGE 2 0000-0200
HOURS (L. S. T.)

USAFETAC **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
FORM
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GI

STATION NAME

70,73-81

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point		
42/ 41					.2													2	2			
40/ 39				.1														1	1			
38/ 37		.1	.3	.3														7	7			
36/ 35		.1	.1	.5														7	7	1		
34/ 33		.1	.4	.5														10	10	8		
32/ 31		.5	.1	.4														10	10	9	1	
30/ 29		.5	.8	.6	.1													19	19	12	2	
28/ 27	.5	2.9	1.4	.6														51	51	20	10	
26/ 25	.1	4.2	.8	.1														48	48	45	16	
24/ 23		1.3	2.0	.2														33	33	47	4	
22/ 21	.9	3.4	4.2	.6														85	85	34	22	
20/ 19	1.0	4.3	2.9	.5														81	81	62	39	
18/ 17	1.0	6.2	1.3	2.5														102	102	109	34	
16/ 15	.4	6.1	2.4															83	83	104	48	
14/ 13	.1	3.4	1.4															46	46	66	33	
12/ 11	.3	4.0	2.2															60	60	84	53	
10/ 9	1.8	4.8	2.8															88	88	74	122	
8/ 7	.9	2.9	.9															43	43	71	47	
6/ 5	.3	2.3																24	24	36	68	
4/ 3	.3	2.0																22	22	22	70	
2/ 1	.9	1.4																21	21	27	42	
0/ -1	3.3	.8																38	38	47	38	
-2/ -3	.6	1.1																16	16	16	10	
-4/ -5	.5	.6																11	11	9	28	
-6/ -7	.6	.1																7	7	12	26	
-8/ -9	.1																	1	1	1	37	
-10/ -11	.8																	7	7	7	19	
-12/ -13	.2																	2	2	2	8	
-14/ -15	.4																	4	4	4	8	
-16/ -17	.1																	1	1	1	18	
-18/ -19																					22	
-20/ -21																					24	
-22/ -23																					40	
-24/ -25																					24	
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

PAGE 2 0300-0500
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 70.73-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
44/ 43				.1														1	1				
42/ 39			.1	.1														2	2				
38/ 37			.1	.5	.1													7	7	1			
36/ 35		.2	.4	1.0														15	15	1			
34/ 33		.1	.3	.5														9	9	8			
32/ 31		.4	.2		.1													7	7	9			
30/ 29		1.0	.9	.3														20	20	18	2		
28/ 27	.1	4.5	2.3	.4	.1													69	69	16	14		
26/ 25	.1	3.4	3.3	.1														65	65	58	8		
24/ 23		1.6	2.6	.5	.3													47	47	51	7		
22/ 21	.6	3.8	3.7	1.2														86	86	53	38		
20/ 19	.4	6.1	2.7	1.6														101	101	64	26		
18/ 17	.8	6.1	1.4	2.0														96	96	127	31		
16/ 15	.6	6.1	2.9															90	90	110	47		
14/ 13	.1	2.5	1.1															34	34	63	47		
12/ 11	1.1	2.2	2.0															49	49	84	63		
10/ 9	1.4	4.8	1.2															69	69	53	143		
8/ 7	.2	2.0	.2															23	23	54	55		
6/ 5	.9	2.5																31	31	29	54		
4/ 3	.9	3.4																40	40	34	44		
2/ 1	.8	2.2																27	27	37	48		
0/ -1	1.1	.4																14	14	29	31		
-2/ -3		.5																5	5	7	20		
-4/ -5																				1	31		
-6/ -7	.9	.1																9	9	9	34		
-8/ -9	.8																	7	7	7	21		
-10/ -11	.3																	3	3	3	9		
-12/ -13	.3																	3	3	3	12		
-14/ -15	.1																	1	1	1	14		
-16/ -17																					22		
-18/ -19																					28		
-20/ -21																					34		
-22/ -23																					21		
-24/ -25																					11		
Element (X)	Σ X ²		Σ X		X	σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI 70, 73-81 YEARS MAY MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
46/ 47						.1												1	1		
44/ 43					.1	.1												2	2		
40/ 39			.3		.1													4	4		
38/ 37			.5	.4	.3													12	12	1	
36/ 35		.1	.6	.5														12	12	5	
34/ 33			1.0	.8														16	16	8	
32/ 31		.4	.1	.6		.4												15	15	15	
30/ 29		1.0	.5	.5		.5												24	24	21	
28/ 27	.1	4.3	5.2	.4	.4													97	97	22	
26/ 25		2.5	4.5	.3	.3													71	71	60	
24/ 23		2.3	4.3	1.4	.6													80	80	64	
22/ 21	.3	5.5	3.8	1.4														102	102	77	
20/ 19	.6	5.4	1.5	2.2														90	90	105	
18/ 17	.8	6.1	2.5	.3														90	90	129	
16/ 15	.4	4.5	1.9															64	64	89	
14/ 13	.1	2.5	2.3															45	45	76	
12/ 11	.6	2.2	1.9															44	44	57	
10/ 9	.5	4.1	1.5															57	58	49	
8/ 7	.6	2.8	.5															37	38	58	
6/ 5	.2	2.6																26	26	30	
4/ 3	.4	1.2																15	15	29	
2/ 1		.3																3	3	10	
0/ -1	.2																	2	2	4	
-2/ -3	.3	.4																7	7	4	
-4/ -5	.3	.5																8	8	10	
-6/ -7	.1																	1	1	2	
-8/ -9	.3																	3	3	3	
-10/-11																					
-12/-13																					
-14/-15																					
-16/-17																					
-18/-19																					
-20/-21																					
-22/-23																					
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605 STATION THULF AB GL STATION NAME 70,73-81 YEARS MAY MONTH
PAGE 2 0900-1100 HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 70.73-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
50/ 49						.1															1	1			
46/ 45						.1															1	1			
44/ 43				.3	.1																4	4			
42/ 41				.1	.1																2	2			
40/ 39				.2	.1		.1														4	4	1		
38/ 37			.2	.5	.6		.1														14	14	4		
36/ 35		.1	.8	1.2		.1															20	20	3		
34/ 33		.5	1.0	.9																	22	22	12		
32/ 31		.1	.1	.1	.1	.3															7	7	23		
30/ 29		.4	2.0	.6																	29	29	17	7	
28/ 27		5.0	5.3	1.5	1.0																118	118	22	9	
26/ 25		2.5	5.0	.1	.9																78	78	81	11	
24/ 23		1.5	5.6	1.0	1.3																87	87	65	19	
22/ 21	.3	7.4	2.7	1.5																	111	111	79	31	
20/ 19	.8	5.2	1.7	.6																	77	77	146	31	
18/ 17	1.0	4.7	4.1	.8																	98	98	106	44	
16/ 15	.1	3.7	3.0																		63	64	94	74	
14/ 13	.1	1.0	1.1																		20	22	56	56	
12/ 11	.9	1.5	2.6																		46	46	54	101	
10/ 9	.6	5.0	1.3																		64	64	54	139	
8/ 7	.4	2.0	.8																		30	30	57	29	
6/ 5		.9																			8	8	22	50	
4/ 3		.5																			5	5	9	43	
2/ 1																							4	33	
0/ -1	.5	.5																			10	10	6	32	
-2/ -3	.1	.6																			5	5	9	19	
-4/ -5																								32	
-6/ -7	.3																				3	3	3	21	
-8/ -9																								21	
-10/-11																								27	
-12/-13																								12	
-14/-15																								12	
-16/-17																								22	
-18/-19																								15	
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

70-73-81

YEARS

MAY
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

17605
STATION

IMULE AB GL

STATION NAME

70-73-81

YEARS

MAY
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17605 STATION IHWLF AB GI STATION NAME 70,73-81 YEARS MAY MONTH
PAGE 2 1500-1700 HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 70, 73-81 YEARS MAY MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43				.2	.4	.1												7	7		
42/ 41					.1	.2												3	3		
40/ 39			.1	.2	.4													7	7	1	
38/ 37			.9	.5	.3													16	16	1	
36/ 35		.1	.4	.5	.1													11	11	8	
34/ 33		.2	1.0	.5														16	16	18	
32/ 31		.2	1.1	.9	.2													22	22	20	3
30/ 29	.1	1.6	2.4	1.2														47	47	13	2
28/ 27		4.2	5.6	.5	.5													101	101	35	15
26/ 25		4.0	3.5	.3	.9													80	80	82	14
24/ 23	.4	2.4	3.3	1.1	1.1													77	77	87	17
22/ 21	.4	6.1	2.4	1.5														97	97	69	37
20/ 19	1.0	5.0	2.9	1.4														95	95	115	30
18/ 17	.6	4.6	3.6	2.2														102	102	99	76
16/ 15		3.2	1.7	.4														50	50	94	78
14/ 13	.1	2.5	2.0															43	43	66	69
12/ 11	.8	2.4	1.3															41	41	74	85
10/ 9	.5	2.8	1.3															43	44	47	95
8/ 7	.2	2.0	.3															24	24	28	39
6/ 5		1.9																18	18	28	50
4/ 3	.1	.6																7	7	17	34
2/ 1	.2	.5																7	7	8	30
0/ -1	.4	.2																6	6	8	37
-2/ -3	.1	.1																2	2	4	14
-4/ -5	.2																	2	2	2	34
-6/ -7	.3																	3	3	3	22
-8/ -9																					12
-10/ -11																					19
-12/ -13																					15
-14/ -15																					11
-16/ -17																					25
-18/ -19																					26
-20/ -21																					14
-22/ -23																					12
Element (X)	Σ x ²		Σ x		X	σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605
STATION

THULE A3 GL

STATION NAME

70,73-81

YEARS

MAY
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GL STATION NAME 70,73-81 YEARS MAY MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
44/ 43			.1	.2														3	3			
42/ 41					.2													2	2			
40/ 39			.1	.5	.1	.1												8	8	1		
38/ 37			.3	.5	.3													11	11	2		
36/ 35				.9	.1													9	9	2		
34/ 33		.2	.8	.9		.1												18	18	11	1	
32/ 31		.2	.3	.1														6	6	12		
30/ 29		.1	1.5	.3														18	18	19	4	
28/ 27	.5	4.5	3.7	.4														84	84	25	7	
26/ 25		4.6	3.4	.1	.3													77	77	63	14	
24/ 23		1.5	5.3	.9	.2													73	73	65	18	
22/ 21	1.0	5.1	2.4	.3														81	81	61	27	
20/ 19	1.1	6.9	2.0	1.3														104	106	114	34	
18/ 17	1.3	3.9	2.6	2.3														90	90	108	48	
16/ 15	.5	3.7	4.0															76	77	76	71	
14/ 13		2.2	1.1															30	30	52	64	
12/ 11	1.0	1.7	2.0															43	43	92	79	
10/ 9	1.2	4.5	1.8															69	69	47	110	
8/ 7	.2	.8	.2															11	11	54	42	
6/ 5	1.2	2.0																29	29	20	51	
4/ 3	.7	2.2																26	26	26	28	
2/ 1	.4	1.6																19	19	27	45	
0/ -1	1.4	.5																18	18	26	45	
-2/ -3	.1	.4																5	5	6	12	
-4/ -5	.1																	1	1	2	31	
-6/ -7	.1	.1																2	2	2	18	
-8/ -9	.5																	5	5	5	15	
-10/ -11																					18	
-12/ -13	.2																	2	2	2	10	
-14/ -15	.1																	1	1	1	14	
-16/ -17																					17	
-18/ -19																					27	
-20/ -21																					27	
-22/ -23																					25	
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

UNCLASSIFIED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 MAY
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL STATION NAME 70, 73-81 YEARS MAY MONTH

PAGE 1 ALL HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
50/ 49						.0													1	1			
48/ 47						.0													1	1			
46/ 45						.0													3	3			
44/ 43			.0	.2	.1	.0													21	21			
42/ 41			.0	.1	.1	.0													17	17			
40/ 39			.1	.1	.2	.0	.0												33	33	3		
38/ 37		.0	.4	.6	.3		.3												94	94	16		
36/ 35		.1	.5	.7	.0	.0													99	99	25		
34/ 33		.2	.7	.6		.0													116	116	84	1	
32/ 31		.3	.3	.4	.1	.1													84	84	126	6	
30/ 29	.0	.8	1.3	.6	.1	.1													216	216	133	30	
28/ 27	.2	4.1	3.9	.7	.4														694	695	178	88	
26/ 25	.1	3.5	3.3	.2	.4														556	556	523	112	
24/ 23	.1	1.7	3.8	.9	.6														522	522	509	111	
22/ 21	.7	5.2	2.9	1.2															744	744	498	226	
20/ 19	.8	5.7	2.4	1.1															744	747	805	254	
18/ 17	.8	5.3	2.6	1.6															763	763	881	378	
16/ 15	.3	4.3	2.7	.1															549	551	775	503	
14/ 13	.1	2.4	1.5																299	302	486	423	
12/ 11	.8	2.6	1.9																391	391	612	616	
10/ 9	.9	4.3	1.8																521	523	430	986	
8/ 7	.5	2.1	.5																223	224	436	350	
6/ 5	.4	1.8																	165	165	212	435	
4/ 3	.4	1.6																	144	144	166	351	
2/ 1	.5	1.0																	111	111	151	298	
0/ -1	1.2	.5																	125	125	166	294	
-2/ -3	.3	.5																	61	61	73	140	
-4/ -5	.2	.2																	33	33	33	246	
-6/ -7	.5	.1																	40	40	49	187	
-8/ -9	.3																		19	19	19	169	
-10/ -11	.1																		11	11	11	159	
-12/ -13	.1																		7	7	7	95	
-14/ -15	.1																		7	7	7	108	
-16/ -17	.1																		5	5	5	158	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																							
Wet Bulb																							
Dew Point																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17675 STATION 1HULE AB GL STATION NAME 69-70,73-80 YEARS JULI MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
54/ 53						.1												1	1			
52/ 51					.1													1	1			
50/ 49							.1											1	1			
48/ 47						.1	.3											3	3			
46/ 45				.3	.5	.3												8	11			
44/ 43			.1	.5														5	5	2		
42/ 41			.3	1.3	2.3	.7												34	34			
40/ 39		.1	1.3	2.0	.9													33	34	6		
38/ 37		.4	3.0	2.4	.9													50	53	13		
36/ 35	.1	.7	4.0	2.8	.1													58	59	31	1	
34/ 33	.1	2.1	6.2	2.0	.1													79	83	65	4	
32/ 31		4.6	6.8	.5														89	90	80	17	
30/ 29	.4	10.2	8.1	.4														142	160	154	31	
28/ 27	2.4	12.1	5.0	.1														146	169	145	92	
26/ 25	.7	1.9	2.1	.3	.1													38	43	146	100	
24/ 23	.1	1.2	1.7	.7	.3													30	36	33	85	
22/ 21	.4	1.2		.8														18	20	33	134	
20/ 19	.1	.7		.4														9	9	25	105	
18/ 17																				3	64	
16/ 15																				6	40	
14/ 13																				3	16	
12/ 11																					23	
10/ 9																					12	
8/ 7																					1	
6/ 5																					2	
2/ 1																					4	
0/ -1																					2	
-16/-17																					4	
-18/-19																					5	
-20/-21																					3	
TOTAL	4.4	35.2	38.7	14.6	5.5	1.2	.4											745	812	745	745	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3527436		49948		67.0		15.498		745		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F	
Dry Bulb	820068		25440		31.3		5.329		812				58.4								90	
Wet Bulb	606936		21014		28.2		4.369		745				75.9								90	
Dew Point	368215		15657		21.0		7.255		745		1.7		89.4								90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI 69-70, 73-80 YEARS JUN MONTH
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
52/ 51					.1	.1	.1	.3										5	5	
50/ 49					.1													1	1	
48/ 47				.1			.1											2	2	
46/ 45				.1	.9													8	11	
44/ 43				.7	.3	.4												10	10	2
42/ 41			.7	.1	1.3	.7												21	21	2
40/ 39			.9	3.1	.9													37	37	3
38/ 37		.3	3.2	2.5	.1													46	49	20
36/ 35		1.3	2.7	3.2	.5													58	58	16
34/ 33		2.3	6.9	2.1	.4													88	89	78
32/ 31	.3	4.9	6.1		.1													86	88	71
30/ 29	10.0	7.3	.1															131	142	163
28/ 27	2.5	12.1	4.7	.1	.3													148	174	128
26/ 25	.7	2.9	2.1	.7														48	53	148
24/ 23		1.9	1.3	.4	.1													28	39	39
22/ 21		1.1	.3	.9														17	19	35
20/ 19	.4	1.2		.3														14	14	27
18/ 17		.1																1	1	8
16/ 15																				7
14/ 13																				2
12/ 11																				
10/ 9																				31
8/ 7																				9
6/ 5																				2
4/ 3																				4
2/ 1																				3
-14/-15																				3
-16/-17																				2
-18/-19																				1
-20/-21																				7
TOTAL	3.9	38.2	36.3	14.6	5.3	1.2	.3	.3										749	813	749
Element (X)	ΣX ²		ΣX		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.	3552051		50237		67.1		15.622		749		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90			
Dry Bulb	814659		25341		31.2		5.525		813				58.7				90			
Wet Bulb	606273		21043		28.1		4.489		749				75.5				90			
Dew Point	366287		15651		20.9		7.243		749		1.4		89.5				90			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 STATION THULE AB GI 69-70,73-80 YEARS JUL MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
50/ 49					.1												1	1		
48/ 47					.1	.1											2	2		
46/ 45				.9	.4	.1	.1										12	14		
44/ 43				.5	.1	.4											8	8		
42/ 41				.8	1.6	.3											20	20	2	
40/ 39			.7	4.8	1.5	.3											54	54	8	
38/ 37	.1	.5	2.4	2.8	.1												45	48	8	
36/ 35		1.5	3.9	4.9	.5												81	87	26	1
34/ 33		2.1	7.0	1.5	.1												81	83	87	4
32/ 31		4.5	4.8	.4	.3												75	77	102	17
30/ 29	.5	9.7	7.0	1.1													138	145	150	34
28/ 27	2.4	10.5	5.2	.1	.3												139	164	119	82
26/ 25	.4	2.0	3.1	.7	.1												47	52	136	118
24/ 23		2.1	.8	.5	.7												31	40	38	85
22/ 21	.3	1.1	.3	.3													14	14	43	124
20/ 19		.5															4	4	22	105
18/ 17																			9	56
16/ 15																			2	35
14/ 13																				33
12/ 11																				25
10/ 9																				9
8/ 7																				5
6/ 5																				1
4/ 3																				3
2/ 1																				3
-12/-13																				1
-14/-15																				2
-16/-17																				6
-18/-19																				3
TOTAL	3.7	34.6	35.1	19.3	6.0	1.2	.1											813		752
																		752		
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	3477627		49795		66.2		15.497		752		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	835607		25715		31.6		5.234		813			54.9					90			
Wet Bulb	620576		21362		28.4		4.279		752			74.3					90			
Dew Point	370244		15802		21.0		7.131		752		1.4	89.4					90			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 69-70, 74-80 YEARS JUN MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
54/ 53								.1									1	2		
52/ 51						.3	.1										3	3		
50/ 49					.4												3	3		
48/ 47					.1	.3	.1										4	6		
46/ 45				.5	.1	.7	.1										11	11		
44/ 43				.4	.9	.1											11	17	1	
42/ 41			.1	1.2	1.2	.4											22	22	4	
40/ 39			.5	5.7	1.6	.1											60	60	8	
38/ 37		1.1	1.6	3.5	.7		.1										52	54	10	
36/ 35		1.6	3.2	5.6	.5	.3											84	85	33	1
34/ 33		2.3	8.6	3.5													107	112	87	3
32/ 31		4.5	4.4	.5		.3											73	79	115	24
30/ 29		8.2	8.0	.7	.4	.4											132	148	148	26
28/ 27	2.0	8.4	6.0	.3	.1												126	137	144	77
26/ 25		2.1	1.2	.4	.1												29	36	105	110
24/ 23		1.9	1.2														23	27	52	111
22/ 21	.1	.1															2	3	30	112
20/ 19		.4															3	3	9	105
18/ 17				.3													2	2		65
16/ 15																				32
14/ 13																				36
12/ 11																			2	17
10/ 9																				5
8/ 7																				4
6/ 5																				6
4/ 3																				3
-6/ -7																				1
-8/ -9																				1
-10/ -11																				5
-12/ -13																				1
-14/ -15																				1
-18/ -19																				2
TOTAL	2.1	30.6	34.9	22.6	6.3	2.8	.5	.1									748	810	748	748
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.	3290656		48184		64.4		15.813		748		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90			
Dry Bulb	887311		26447		32.7		5.424		810				48.3				90			
Wet Bulb	640639		21677		29.0		4.081		748				72.8				90			
Dew Point	368097		15843		21.2		6.600		748		1.3		89.5				90			

PSYCHROMETRIC SUMMARY

STATION 17605 STATION NAME THULE AB GL YEARS 69-70, 73-80 MONTH JUN

PAGE 1 1200-1400
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION ITHULE AB GL STATION NAME 69-70,73-80 YEARS JUN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
58/ 57									.3									2	2				
54/ 53							.1	.1										2	2				
52/ 51						.1												1	2				
50/ 49					.3	.1												3	5				
48/ 47					.3													2	4				
46/ 45					1.1	.1												9	13				
44/ 43				.4	2.3	.4												23	23	1			
42/ 41			.4	2.3	2.1	.7												41	42	6			
40/ 39		.1	1.9	3.2	2.1	.1												56	56	5			
38/ 37		.3	2.4	5.5	.9													68	70	15			
36/ 35		1.7	5.2	4.7	.5													91	99	59	1		
34/ 33		2.3	6.6	1.1														74	81	74	2		
32/ 31		6.8	5.6	.9	.1													101	106	148	20		
30/ 29	.4	11.3	8.4	.4	.5													157	171	153	32		
28/ 27	1.3	4.4	3.6	.7	.1													76	90	140	101		
26/ 25		.7	2.4	.1	.4													27	31	82	147		
24/ 23		.1	.5	.4	.3													10	12	35	86		
22/ 21		.4																3	3	13	115		
20/ 19																				10	103		
18/ 17																				5	43		
16/ 15																					39		
14/ 13																					19		
12/ 11																					17		
10/ 9																					2		
8/ 7																					2		
6/ 5																					5		
4/ 3																					3		
-12/-13																					4		
-14/-15																					1		
-16/-17																					4		
TOTAL	1.7	28.2	37.1	19.7	11.1	1.6	.1	.1	.3									746	812	746	746		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3242732		47810		64.1		15.486		746		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	937560		27244		33.6		5.380		812			45.8					90						
Wet Bulb	669579		22149		29.7		4.008		746			70.7					90						
Dew Point	388817		16347		21.9		6.410		746		1.1	89.6					90						

PSYCHROMETRIC SUMMARY

69-70, 73-80

YEARS

1111
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

17005
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

 JULY
MONTH

PAGE 1 2100-2300
HOURS (L. S. - T.)

PSYCHROMETRIC SUMMA

YEARS

JUN
MONTH

ALL
HOURS (L.S.)

UNCLASSIFIED

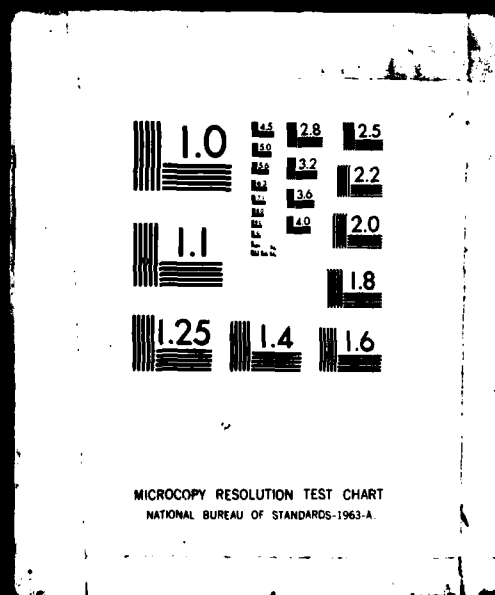
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PSYCHROMETRIC SUMMARY

YEARS

ALL MONTH

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

PAGE 1 JUL
MONTH
0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI STATION NAME 69-70, 73-80 YEARS JUL MONTH

PAGE 1 1200-1400 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/ 61						.1												1	1			
58/ 57					.1	.3												3	4			
56/ 55						.1												1	8			
54/ 53					.1		.1											2	8			
52/ 51				.3	.5		.3											8	15	1		
50/ 49			.4	.6	.1		.1											10	14	1		
48/ 47			.3	.5	.5	.6												15	25	2		
46/ 45			3.0	3.4	3.5	.6												84	109	9		
44/ 43	.1	.5	2.8	6.7	1.3	.3												92	102	19	2	
42/ 41	.1	1.6	5.4	3.7	1.5	.1												99	105	41	4	
40/ 39	.5	2.7	6.1	6.7														126	148	92	21	
38/ 37	.1	4.7	11.4	.8														134	150	132	28	
36/ 35	.4	5.1	6.8	.3														99	111	136	63	
34/ 33	.6	3.3	2.7															52	58	202	96	
32/ 31	.5	1.9	.8															25	29	85	58	
30/ 29		2.7	.1															22	24	36	122	
28/ 27	.8	1.0																14	15	29	159	
26/ 25	.4	.1																4	4	6	132	
24/ 23																					86	
22/ 21																					12	
20/ 19																					4	
18/ 17																					3	
16/ 15																					1	
TOTAL	3.5	23.5	39.7	22.9	7.7	2.1	.5											791	930	791	791	

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1111 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL 69-70, 73-80 JUL 1800-2000
STATION MONTH
STATION NAME YEARS HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
62/ 61						.3	.1											3	3				
58/ 57																				1			
56/ 55					.3	.1												3	6				
54/ 53					.3	.1	.1											4	8				
52/ 51			.1	.4	.4	.3	.1											10	16	2			
50/ 49			.1	.6	.4	.5												13	21	1			
48/ 47			.6	1.1	1.7	.4												30	43	4			
46/ 45	.3	.1	1.7	2.2	3.2	.1												59	80	13	2		
44/ 43		.4	2.9	5.1	1.8	.3												82	95	16	2		
42/ 41		.8	4.7	7.1	1.0	.3												109	121	36	4		
40/ 39	.1	4.1	8.0	5.0	.4													138	158	75	8		
38/ 37	.3	4.6	6.7	1.3														161	111	156	42		
36/ 35	.6	7.0	7.8	.1														122	146	170	57		
34/ 33	.1	4.2	2.2															51	54	155	99		
32/ 31	.5	1.5	1.0															24	26	96	84		
30/ 29	.6	2.2																22	25	33	133		
28/ 27	1.1	.4																12	12	23	150		
26/ 25	.4																	3	3	6	120		
24/ 23																					68		
22/ 21																					9		
20/ 19																					4		
18/ 17																					1		
16/ 15																					2		
14/ 13																					1		
12/ 11																					1		
TOTAL	4.1	25.2	35.9	22.9	9.3	2.3	.4											786	929	786	786		

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L - S - T)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

 MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 0000-0200
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[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

0300-0500
HOURS (L. S. T.)

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	69-70, 73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 AUG
MONTH
0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2
1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI STATION NAME 69-70,73-80 YEARS AUG MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 57																			2			
56/ 55																			1			
54/ 53							.1											1	2			
52/ 51					.4	.1	.4											7	8			
50/ 49			.1	.4	.1	.4	.4											11	11			
48/ 47			.6	2.9	.6	.1	.1											36	47	1		
46/ 45			2.5	3.0	2.0	.4	.4											69	71	1		
44/ 43		.4	2.3	3.6	2.9	.1												77	87	19	1	
42/ 41		.1	2.2	6.4	1.4	.1												85	96	53		
40/ 39		3.2	8.9	6.4	.5	.5												162	176	74	7	
38/ 37	.4	2.9	9.4	1.9	.4	.4												127	146	98	33	
36/ 35	.7	1.1	9.2	2.2	.4													113	120	171	57	
34/ 33	.5	3.0	4.8	.8	.1													77	88	185	74	
32/ 31	.1	1.3	.6	.1														23	26	119	49	
30/ 29	.4	2.0	.1	.1														22	23	67	89	
28/ 27	.2	2.2																20	23	24	209	
26/ 25	.2	.1																3	3	21	129	
24/ 23																					95	
22/ 21																					40	
20/ 19																					20	
18/ 17																					9	
16/ 15																					10	
14/ 13																					1	
12/ 11																					6	
10/ 9																					1	
8/ 7																					1	
6/ 5																					2	
TOTAL	2.5	16.9	40.7	27.7	8.8	2.0	1.3												833	930		833
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Num.	3787262		55018		66.0		13.580		833		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1435225		36227		39.0		5.088		930			7.5					93					
Wet Bulb	1012919		28863		34.6		3.927		833			25.8					93					
Dew Point	670984		23240		27.9		5.213		833			73.8					93					

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

AUG

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
56/ 57					.1													1	1												
56/ 55																			1												
54/ 53					.1		.4											4	6												
52/ 51				.2	.2	.1	.4											8	8												
50/ 49				.7	.5	.4												13	14	1											
46/ 47			.6	2.0	1.3	.8												40	40												
46/ 45		.4	1.9	2.4	1.7	1.0												61	72	3											
44/ 43		.6	1.1	5.4	1.9	.2												77	90	22											
42/ 41		.4	3.0	6.7	1.4	.1												97	98	60	1										
40/ 39		2.9	5.4	4.7	1.4													120	137	56	15										
38/ 37	.2	3.4	7.6	3.4														121	138	117	28										
36/ 35	1.2	1.9	10.6	2.4	.8													141	163	169	72										
34/ 33	.6	3.1	4.4	1.2														78	86	162	47										
32/ 31	.2	3.0	.5	.1														32	33	132	83										
30/ 29	.5	2.9																28	28	74	104										
28/ 27	.5	1.0																12	15	34	204										
26/ 25																				3	109										
24/ 23																					93										
22/ 21																					31										
20/ 19																					23										
18/ 17																					13										
16/ 15																					3										
14/ 13																					2										
12/ 11																					4										
10/ 9																					1										
TOTAL	3.2	19.4	35.1	29.3	9.6	2.6	.7													930		833									
																		833		833											
Element (X)	Σ X ²			Σ X			Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																					
Rel. Num.	3896290			55732			66.9	14.190	833	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	1434418			36216			38.9	5.093	930		7.6					93															
Wet Bulb	1020936			28980			34.8	3.911	833		27.1					93															
Dew Point	686091			23541			28.3	5.001	833		74.8					93															

PSYCHROMETRIC SUMMARY

17635	THULE AB GI
STATION	STATION NAME

69-70, 73-80 _____ YEARS

ALLG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17695
STATION

IMHLE AB GI
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 57					.0													2	5		
56/ 55																			5		
54/ 53					.0		.1											10	19		
52/ 51				.2	.3	.0	.2											51	59		
50/ 49			.0	.7	.3	.2	.1											92	97	2	
46/ 47			.5	1.8	.6	.3	.1											218	249	1	
46/ 45		.1	2.0	2.3	1.2	.6	.1											421	461	20	
44/ 43		.8	1.8	3.7	1.7	.3												521	579	149	1
42/ 41		.6	2.9	4.8	1.2	.0												638	677	364	4
40/ 39		2.8	5.9	5.6	.4	.1												992	1116	446	85
38/ 37	.4	2.8	9.6	2.7	.3	.1												1057	1198	757	223
36/ 35	.6	2.2	9.7	1.6	.4													967	1110	1104	460
34/ 33	1.3	2.6	5.9	1.0	.1													724	818	1520	558
32/ 31	.6	3.3	1.4	.3	.0													382	414	1037	433
30/ 29	.6	3.7	.6	.5														358	370	676	727
28/ 27	.4	2.3	.0															187	219	390	1630
26/ 25	.2	.3																31	31	168	1029
24/ 23		.2																11	11	17	818
22/ 21		.0																1	1	11	291
20/ 19																				1	156
18/ 17																					118
16/ 15																					46
14/ 13																					30
12/ 11																					41
10/ 9																					5
8/ 7																					4
6/ 5																					4
TOTAL	4.2	21.3	40.4	25.2	6.6	1.8	.6												7439		6663
																		6663		6663	
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	32546636		456482		68.5	13.828	6663		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	10896098		282028		37.9	5.235	7439			104.6					744						
Wet Bulb	7840395		226901		34.1	4.128	6663			256.8					744						
Dew Point	5354765		185797		27.9	5.108	6663			595.4					744						

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL 69-70.73-80 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
44/ 43																			1					
42/ 41			.2	.1														3	3					
40/ 39		.1	.1	.9	.1													10	12					
38/ 37		.2	.7	1.1	.1													18	18		3			
36/ 35		.9	1.5	1.5	.6													36	40	13				
34/ 33	.4	2.5	3.2	1.6	.1													63	71	20	8			
32/ 31		3.6	3.4	.9														63	84	48	5			
30/ 29	1.1	7.6	8.1	1.2	.1													146	151	105	30			
28/ 27	1.0	7.6	5.7	.5														119	140	114	40			
26/ 25	.6	5.5	5.2	.5														95	109	130	58			
24/ 23	.2	3.6	4.6	.4														71	71	95	79			
22/ 21	.4	2.6	1.6	.1														38	48	74	94			
20/ 19	.5	1.6	1.5															29	35	50	75			
18/ 17		2.1	1.4															28	31	32	72			
16/ 15		2.6	.5															25	26	38	70			
14/ 13		1.9	.1															16	16	24	34			
12/ 11	.1	1.2	.2															13	15	22	56			
10/ 9	.1	2.2	.4															22	23	19	57			
8/ 7		.2																2	2	7	13			
6/ 5		.4																3	3	4	41			
4/ 3	.1																	1	1	3	29			
2/ 1																					11			
0/ -1																					12			
-2/ -3																					4			
-4/ -5																					7			
-6/ -7																					2			
-8/ -9																					1			
-10/-11																					1			
-12/-13																					1			
-14/-15																					1			
TOTAL	4.6	46.7	38.7	8.9	1.1														900		801			
																		801		801				
Element (X)	ΣX		ΣX		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	3823395		54335		67.8	13.117		801		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F				
Dry Bulb	676013		23917		26.6	6.706		900				75.5								90				
Wet Bulb	488412		19118		23.9	6.335		801				86.0								90				
Dew Point	282701		13497		16.9	8.312		801		3.3		89.1								90				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GL 69-70,73-80 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
46/ 45				.1														1	1					
42/ 41			.3	.4														5	5					
40/ 39			.9	.5	.1													12	14	1				
38/ 37		.4	.8	1.8														23	29	2				
36/ 35		.4	2.3	1.5	.5													37	41	16				
34/ 33	.4	2.6	4.3	2.4														77	87	19	9			
32/ 31	.1	3.4	3.9	.9														66	80	71	6			
30/ 29	.9	6.6	7.1	1.5														129	136	96	23			
28/ 27	1.1	6.6	4.5	.9														105	126	122	60			
26/ 25	1.0	4.8	5.6	.4														94	105	115	53			
24/ 23		2.0	3.8															46	50	75	81			
22/ 21	.4	3.3	2.1															46	53	64	80			
20/ 19	.4	3.8	1.9															48	53	47	55			
18/ 17		3.0	1.4															35	41	53	92			
16/ 15		2.8	1.0															30	31	47	61			
14/ 13		.4	.1															4	6	22	34			
12/ 11	.1	2.3	.3															21	21	22	44			
10/ 9	.3	1.3																12	13	13	75			
8/ 7		.9																7	7	8	23			
6/ 5	.1																	1	1	6	34			
4/ 3																					28			
2/ 1																					21			
0/ -1																					8			
-2/ -3																					3			
-4/ -5																					5			
-6/ -7																					1			
-8/ -9																					1			
-10/-11																					2			
TOTAL	4.8	44.3	40.1	10.3	.6													799	900	799	799			
Element (X)	Σx ²		Σx		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	3770827		53897		67.5	13.015	799		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	684992		24046		26.7	6.879	900			72.3					90									
Wet Bulb	491283		19137		24.0	6.424	799			85.7					90									
Dew Point	282132		13474		16.9	8.295	799		2.3	89.0					90									

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI STATION NAME

69-70, 73-80 YEARS

SEP MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45																			2		
42/ 41				.1	.3													3	5		
40/ 39			2.3	3.5	1.4													57	59		
38/ 37		.4	2.8	3.3	.9													58	65		
36/ 35	.1	1.0	4.0	4.0														73	82	26	1
34/ 33	.3	2.3	5.8	4.6	.1													104	120	79	2
32/ 31	.1	4.0	3.3	2.1	.6													81	91	93	15
30/ 29	.3	3.9	5.4	2.0	.1													93	98	115	35
28/ 27	1.5	4.4	5.8	.9														100	132	124	75
26/ 25		2.9	3.8	1.0														61	66	96	74
24/ 23		3.0	3.1	.8														55	61	67	67
22/ 21		1.9	2.5															35	42	58	78
20/ 19	.1	2.5	.8															27	27	43	67
18/ 17	.1	1.8	.9	.1														23	23	41	91
16/ 15		1.6	1.0															21	21	27	63
14/ 13		.4																3	3	17	29
12/ 11		.3																2	2	8	47
10/ 9		.1																1	1	2	47
8/ 7																				1	30
6/ 5																					31
4/ 3																					19
2/ 1																					13
0/ -1																					6
-2/ -3																					4
-6/ -7																					2
-8/ -9																					1
TOTAL	2.5	30.4	41.3	22.5	3.4													797	900	797	797
Element (X)	Σx²		Σx		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3362012		50554		63.4	13.970	797		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	830805		26769		29.7	6.204	900			56.7					90						
Wet Bulb	574446		20910		26.2	5.699	797			78.1					90						
Dew Point	313552		18488		18.2	7.940	797		1.5	89.7					90						

PSYCHROMETRIC SUMMARY

17605 TMULE AB GI
STATION STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GI

STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
42/ 41				.1														1	1				
40/ 39		.1	1.0	2.2	.5													31	31				
38/ 37		.5	2.4	2.1	.9													47	54	2			
36/ 35	.4	1.7	3.6	3.4	.4													76	92	22	4		
34/ 33	.1	3.4	6.4	2.4														98	108	65	5		
32/ 31	.5	5.0	6.8	2.5														119	127	92	18		
30/ 29	.6	4.2	4.7	1.0														85	95	126	44		
28/ 27	1.4	4.2	4.5	1.4														92	110	123	70		
26/ 25	.4	3.2	3.0	1.2														63	73	86	77		
24/ 23	.4	2.7	3.1	.1														51	54	67	59		
22/ 21	.2	2.0	1.7															32	40	59	79		
20/ 19		3.4	1.5															39	44	44	68		
18/ 17		1.5	.5															16	18	40	92		
16/ 15		2.4	.7															25	25	26	57		
14/ 13	.1	1.0	.2															11	11	22	35		
12/ 11	.1	1.4																12	12	14	39		
10/ 9		.6																5	5	11	53		
8/ 7																				4	23		
6/ 5																					28		
4/ 3																					18		
2/ 1																					9		
0/ -1																					19		
-2/ -3																					2		
-4/ -5																					4		
TOTAL	4.2	37.4	40.2	16.4	1.7													803	900	803	803		
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	3669058		53140		66.2	13.7	803		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	783937		25897		28.8	6.5	900			61.4					90								
Wet Bulb	560119		20627		25.7	6.1	803			80.0					90								
Dew Point	324405		14735		18.3	8.2	803		2.8	89.0					90								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
46/ 45																				1					
44/ 43																				1					
42/ 41				.1														1		1					
40/ 39			.4	.5														7		8					
38/ 37		.4	.9	1.9	.5													29		30		3			
36/ 35		2.1	3.2	3.0	.5													71		79		7			
34/ 33		2.5	3.7	1.2														60		69		38			
32/ 31	.4	3.2	5.5	1.2														83		91		75			
30/ 29	1.0	6.8	6.2	2.0														129		140		110			
28/ 27	1.5	6.8	5.5	.9														118		136		128			
26/ 25	.4	4.1	3.2	.4														65		72		111			
24/ 23		4.1	3.6	.5														66		72		63			
22/ 21	.4	2.9	.7	.1														33		45		78			
20/ 19	.2	2.7	2.2															44		46		43			
18/ 17	.1	1.2	1.0															17		25		32			
16/ 15		2.1	.2															19		21		37			
14/ 13		1.4																11		11		23			
12/ 11	.1	1.7	.5															19		19		14			
10/ 9	.5	2.9																27		27		23			
8/ 7		.1																1		1		14			
6/ 5		.4																3		3		3			
4/ 3																					1	22			
2/ 1																						15			
0/ -1																						10			
-2/ -3																						6			
-4/ -5																						11			
-6/ -7																						5			
TOTAL	4.6	45.6	37.0	11.8	1.0														803		900		803		
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.	3824700		54322		67.6	13.671	803		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	702322		24350		27.1	6.958	900			71.1					9										
Wet Bulb	509799		19539		24.3	6.546	803			84.6					9										
Dew Point	299138		13866		17.3	8.628	803		3.6	89.7					9										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po.			
46/ 45				.0														1	5					
44/ 43				.0														1	5					
42/ 41			.1	.2	.1													21	24					
40/ 39		.0	.9	1.7	.4													196	214					
38/ 37		.5	1.8	2.0	.6													311	344					
36/ 35	.1	1.2	3.0	3.0	.4													493	560	139				
34/ 33	.3	2.6	4.9	2.7	.1													676	762	393	44			
32/ 31	.2	3.6	4.4	1.6	.1													640	734	608	87			
30/ 29	.7	5.8	6.6	1.7	.0													945	1004	894	271			
28/ 27	1.3	5.8	4.9	.9														822	1009	994	486			
26/ 25	.4	4.0	4.0	.7														582	660	858	561			
24/ 23	.1	3.1	3.9	.4														477	507	565	560			
22/ 21	.2	2.6	1.8	.0														302	361	516	638			
20/ 19	.2	2.7	1.5															279	315	383	572			
18/ 17	.1	1.8	1.0	.0														186	207	317	684			
16/ 15	.0	2.2	.6															177	188	253	500			
14/ 13	.0	1.0	.1															70	72	171	241			
12/ 11	.1	1.4	.2															106	109	125	362			
10/ 9	.2	1.3	.1															95	98	98	462			
8/ 7		.2																11	11	52	178			
6/ 5	.0	.1																10	10	16	261			
4/ 3	.0																	1	1	5	186			
2/ 1																					96			
0/ -1																					88			
-2/ -3																					30			
-4/ -5																					38			
-6/ -7																					16			
-8/ -9																					6			
-10/-11																					4			
-12/-13																					2			
-14/-15																					1			
TOTAL	3.8	39.7	39.8	15.0	1.7													6402	7200		6402			
Element (X)	Σ x ²		Σ x		X	Σ x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Num.	29166805		423251		66.1	13.604		6402		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								Total	
Dry Bulb	5972113		201629		28.0	6.726		7200			528.6												720	
Wet Bulb	4245001		159939		25.0	6.241		6402			658.5												720	
Dew Point	2414190		112536		17.6	8.253		6402		20.8	714.2												720	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17005 THULE AB GI 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
40/ 39				.2														2	2				
38/ 37				.1														1	4				
36/ 35			.3		.1													4	4				
34/ 33		.2	.5	1.3	.3													20	20	2			
32/ 31		.7	1.4	.7	.1													25	26	6			
30/ 29		.2	2.3	.7	.3													31	33	24			
28/ 27		3.4	2.2	.6														53	56	23	3		
26/ 25		3.0	2.1	.3														47	49	66	8		
24/ 23	.2	3.5	1.5															45	46	45	14		
22/ 21	.8	2.1	1.2	.5														39	42	59	26		
20/ 19	.3	3.3	2.4															52	57	37	51		
18/ 17	.6	2.8	2.4															50	50	42	42		
16/ 15		2.8	2.1															42	43	55	40		
14/ 13		2.3	.6															25	28	45	33		
12/ 11	.7	5.5	2.3															73	77	59	26		
10/ 9	.2	7.7	.7															74	75	66	45		
8/ 7	.1	4.8																42	43	60	30		
6/ 5	1.0	5.8																59	63	55	61		
4/ 3	1.2	4.7																50	55	54	48		
2/ 1	.9	3.1																35	35	49	43		
0/ -1	2.6	.7																28	36	48	72		
-2/ -3	1.0	2.4																30	31	32	45		
-4/ -5	2.1	.8																25	29	22	60		
-6/ -7	.5																	4	6	7	43		
-8/ -9	.5																	4	5	4	37		
-10/-11																			3		42		
-12/-13																			1		27		
-14/-15																			3		21		
-16/-17																			1		14		
-18/-19																			5		14		
-20/-21																							
-22/-23																							
-24/-25																							
-26/-27																							
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMAR

YEARS

OC
MONTH

HOURS (L - S - T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 69-70,73-80 YEARS OCT MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
40/ 39				.1														1	1				
38/ 37				.1	.1													2	3				
36/ 35			.2	.3	.1													6	7				
34/ 33			1.0	.9	.1													18	19	1			
32/ 31		.5	1.4	.9	.1													25	27	5			
30/ 29		.3	2.1	.3	.2													26	27	24			
28/ 27		2.9	2.4	.3														49	52	24	1		
26/ 25		3.0	2.0	.2														45	47	55	9		
24/ 23		4.1	1.2	.9														53	57	58	10		
22/ 21	.5	2.4	2.2	.1														45	46	51	23		
20/ 19	.7	2.2	1.2															35	37	40	58		
18/ 17	.2	4.2	1.9															54	56	46	34		
16/ 15	.3	4.4	2.4															62	62	53	48		
14/ 13		1.5	1.7															28	29	51	27		
12/ 11	.5	5.7	1.0															62	66	62	41		
10/ 9	.1	5.6	1.2															59	64	48	51		
8/ 7	.3	5.9	.1															55	58	69	24		
6/ 5	.9	6.4																63	67	53	49		
4/ 3	1.5	5.1																57	61	64	40		
2/ 1	.9	2.3																28	29	52	39		
0/ -1	3.3	.8																35	40	48	85		
-2/ -3	.6	2.4																26	26	27	48		
-4/ -5	1.5	.8																20	23	20	66		
-6/ -7	.7																	6	8	9	39		
-8/ -9																			2		41		
-10/-11																			3		31		
-12/-13																			3		26		
-14/-15																			3		23		
-16/-17																			3		25		
-18/-19																			2		8		
-20/-21																					2		
-22/-23																					9		
-24/-25																					2		
-26/-27																					1		
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

OCI
MONTH

PAGE 2

0300-0500
NOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17675 STATION THULE AB GI 69-70, 73-80 YEARS OCT MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37				.2														2	3		
36/ 35			.2	.2	.1													5	5		
34/ 33			1.3	1.0	.2													22	24		
32/ 31		.5	1.5	.8														24	26	5	
30/ 29		.3	1.7	.8	.1													26	29	26	
28/ 27		3.0	2.5	.2														50	50	28	
26/ 25		3.6	2.7	.7														60	62	56	7
24/ 23		3.2	1.0	.2														39	41	57	11
22/ 21	.2	2.4	1.2	.1														34	34	48	35
20/ 19	.5	3.1	2.8															55	56	41	45
18/ 17	.7	4.0	1.5															54	56	51	39
16/ 15		3.2	3.2															56	58	56	45
14/ 13		2.7	1.4															35	35	39	30
12/ 11	.3	5.5	1.0															60	64	81	45
10/ 9	.5	6.6	1.0															70	74	51	57
8/ 7	.1	4.4																39	41	59	33
6/ 5	.3	5.5																51	58	45	42
4/ 3	1.0	5.5																57	59	51	41
2/ 1	.6	4.3																42	44	52	36
0/ -1	4.0	.3																38	42	70	77
-2/ -3	.6	1.4																17	18	19	37
-4/ -5	1.7	1.2																25	26	21	74
-6/ -7	.1																	1	4	6	42
-8/ -9	.5																	4	5	4	50
-10/-11																			5		37
-12/-13																					22
-14/-15																			4		22
-16/-17																			3		8
-18/-19																			4		14
-20/-21																					5
-22/-23																					8
-24/-25																					4
TOTAL	11.2	60.9	23.1	4.4	.5													866	930	866	866
Element (X)	ΣX'		ΣX		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3441235		53337		61.6	13.438	866		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	289698		12714		13.7	11.169	930		11.1	89.8					93						
Wet Bulb	211839		10711		12.4	9.578	866		12.9	93.0					93						
Dew Point	121836		2608		3.0	11.479	866		43.0	93.0					93						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
40/ 39																			1					
38/ 37				.5														4	4					
36/ 35			.5		.3													7	8					
34/ 33			1.5	.8														20	23					
32/ 31		.7	1.3	.9														25	25	8				
30/ 29		.7	1.0	1.3	.2													45	45	25				
28/ 27		2.4	2.0	.7	.1													45	46	33	2			
26/ 25		3.6	2.5	1.0														62	66	70	11			
24/ 23		2.3	2.2	.1														40	44	43	13			
22/ 21	.6	3.3	1.2	.3														47	47	61	34			
20/ 19	.3	2.2	2.3															42	42	49	42			
18/ 17		3.9	.9															42	43	31	52			
16/ 15	.1	4.3	1.6															52	54	68	29			
14/ 13		2.4	.6															26	28	39	27			
12/ 11	.3	5.0	2.1															64	69	49	49			
10/ 9	.6	9.8	.8															97	102	60	57			
8/ 7	.1	3.1																28	28	89	34			
6/ 5	.3	6.4																58	60	33	65			
4/ 3	.6	4.0																40	44	52	37			
2/ 1	.5	2.9																29	31	43	43			
0/ -1	3.8	.3																36	43	54	55			
-2/ -3	.9	1.6																22	23	24	42			
-4/ -5	.9	2.3																28	29	21	48			
-6/ -7	.6																	5	5	12	58			
-8/ -9	.2																	2	2	2	49			
-10/-11																			4		30			
-12/-13																			1		18			
-14/-15																			5		25			
-16/-17																			4		13			
-18/-19																			4		12			
-20/-21																					9			
-22/-23																					10			
-24/-25																					2			
Element (X)	Σ x ²		Σ x		Σ	Σ x		Σ	Σ x		Σ	Σ x		Σ	Σ x		Σ	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17405 THULE AB GI STATION NAME 69-70.73-80 YEARS OCT MONTH
PAGE 1 1200-1400 HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
38/ 37			.1	.1														2	2					
36/ 35			.6	.7	.2	.3												16	18					
34/ 33		.2	.9	1.3	.3													24	28	1				
32/ 31		.3	1.0	1.4	.1													25	25	14				
30/ 29		.9	3.3	.3	.2													42	42	16				
28/ 27		3.2	1.1	.2														40	43	44	2			
26/ 25		3.2	2.2	.8														54	59	66	12			
24/ 23		2.9	2.8	.5														53	53	45	18			
22/ 21	.7	2.1	1.1	.2														36	37	54	29			
20/ 19	.6	2.6	2.1															46	48	46	53			
18/ 17		2.8	2.6															47	47	34	52			
16/ 15	.1	3.7	2.3															53	57	50	31			
14/ 13		4.2	.5															41	41	70	21			
12/ 11	.2	4.2	1.5															52	52	60	37			
10/ 9	.2	9.1	1.4															93	97	53	39			
8/ 7	.1	3.9	.1															36	37	78	36			
6/ 5	.1	5.8																52	57	36	69			
4/ 3		2.9																25	26	49	51			
2/ 1	.8	2.8																31	31	31	49			
0/ -1	5.5	.8																55	60	74	64			
-2/ -3	.8	1.5																20	22	21	30			
-4/ -5	1.3	1.3																20	21	18	59			
-6/ -7	.5																	4	4	7	56			
-8/ -9	.5																	4	8	4	42			
-10/-11	.1																	1	2	1	23			
-12/-13																			2		21			
-14/-15																			3		25			
-16/-17																			2		20			
-18/-19																			4		16			
-20/-21																			1		7			
-22/-23																			1		6			
-24/-25																					4			
TOTAL	11.2	58.4	23.6	5.5	.9	.3												872	930		872			
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3356075	52739	60.5	13.822	872	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	316654	13376	14.4	11.566	930	13.0	88.2					93												
Wet Bulb	228000	11208	12.9	9.817	872	13.3	92.9					93												
Dew Point	129164	2754	3.2	11.760	872	39.8	93.0					93												

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	69-70, 73-80	QCY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
36/ 37			.1	.1	.1													3	6					
36/ 35			.3	.6		.1												9	10					
34/ 33	.1		1.3	1.4	.2													26	26	2				
32/ 31		1.0	1.3	.5	.3													27	27	9	1			
30/ 29			3.6	.3	.3													37	38	26	1			
28/ 27		3.7	2.3	.1														53	57	35	3			
26/ 25	.1	3.0	1.7	.3														45	49	73	4			
24/ 23		2.4	2.7	.5														48	48	40	17			
22/ 21	.6	2.8	.9	.5														41	48	52	46			
20/ 19	.5	2.2	2.0															40	41	41	44			
18/ 17	.1	3.1	2.0															45	45	35	47			
16/ 15		4.9	2.2															61	61	57	26			
14/ 13		3.1	.3															30	30	57	26			
12/ 11		5.2	1.5															58	59	63	38			
10/ 9		8.5	.8															80	85	49	39			
8/ 7		3.6	.1															32	35	70	36			
6/ 5	.5	6.4																59	67	40	72			
4/ 3	.5	3.9																38	40	50	45			
2/ 1	.8	3.0																33	34	45	45			
0/ -1	4.3	1.2																47	53	64	72			
-2/ -3	.9	2.1																26	27	29	25			
-4/ -5	.9	1.4																20	22	13	67			
-6/ -7	.3																	3	6	11	41			
-8/ -9	.1																	1	4	1	37			
-10/-11																			3		34			
-12/-13																			1		18			
-14/-15																			2		28			
-16/-17																			1		16			
-18/-19																			3		14			
-20/-21																					8			
-22/-23																					8			
-24/-25																					4			
TOTAL	9.7	61.6	23.2	4.3	1.0	.1												862	928		862			
Element (X)	Σx ²		Σx		X	°x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Num.	3332252		52386		60.8	13.138	862		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	307662		13240		14.3	11.319	928		12.2	88.8					93									
Wet Bulb	223507		10999		12.8	9.828	862		12.7	92.8					93									
Dew Point	129503		2757		3.2	11.839	862		40.1	93.0					93									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
41 / 39																			1					
38 / 37			.1															1	3					
36 / 35			.6	1.2														15	15					
34 / 33			1.3	.6	.5													20	20	1				
32 / 31		.9	2.0	.6	.5													34	34	8				
30 / 29		.7	2.2	.3	.2													30	32	34				
28 / 27		3.5	1.6	.2														46	47	32	1			
26 / 25	.3	3.7	1.3	.2														48	50	68	12			
24 / 23	.7	2.2	2.8															49	51	48	18			
22 / 21	.3	2.8	1.0	.1														37	42	47	46			
20 / 19	.5	2.9	1.6															43	44	41	43			
18 / 17		2.8	3.1															51	56	33	53			
16 / 15		4.0	2.0															52	53	46	28			
14 / 13	.1	3.5	.8															38	38	67	20			
12 / 11	.1	4.7	2.7															65	66	50	29			
10 / 9	.1	5.1	.5															49	51	57	50			
8 / 7	.2	3.7																34	34	57	33			
6 / 5	1.0	5.5																57	59	40	57			
4 / 3	.9	6.1																61	70	62	46			
2 / 1	1.2	4.4																48	49	62	45			
0 / -1	4.3	1.8																53	62	62	64			
-2 / -3	.7	1.3																17	19	30	40			
-4 / -5	.7	.9																14	16	12	58			
-6 / -7	.3																	3	5	8	41			
-8 / -9																			2		47			
-10 / -11																			1		33			
-12 / -13																			2		34			
-14 / -15																					27			
-16 / -17																			4		17			
-18 / -19																			4		14			
-20 / -21																					3			
-24 / -25																					5			
-26 / -27																					1			
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

17605 STATION ITHULE AB GL STATION NAME 69-70, 73-80 YEARS OCT MONTH
PAGE 2 1800-2000 HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCI
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635 STATION IAHLE AB GL STATION NAME 69-70,73-80 YEARS NOV MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
36/ 35				.1	.3	.4												6	6			
34/ 33			.1		.1													2	2			
30/ 29		.3																2	2	4		
26/ 27		.4		.4														6	6	3		
26/ 25			.1	.1	.1													3	3	6		
24/ 23		.4	.3	.3														7	7	4	2	
22/ 21		.6	.8	.3														13	13	4	3	
20/ 19		.6	.5	.3														11	11	8	2	
16/ 17		1.0	.5	.1														13	18	14		
16/ 15		1.4	2.0															27	29	17	5	
14/ 13		2.3	.8															24	28	21	4	
12/ 11	.1	2.0	1.3															27	29	39	7	
10/ 9		5.9	2.2															63	79	37	14	
8/ 7	.3	3.1	.6															31	33	49	11	
6/ 5	.1	3.3																27	41	31	19	
4/ 3		5.6																44	51	30	27	
2/ 1	.4	4.7																40	51	49	23	
0/ -1	6.2	2.2																64	74	85	31	
-2/ -3	2.2	2.9																40	42	43	20	
-4/ -5	3.9	3.6																59	69	47	31	
-6/ -7	6.3																	47	51	65	47	
-8/ -9	5.5																	43	55	43	34	
-10/-11	4.6																	36	41	36	46	
-12/-13	3.7																	29	32	29	28	
-14/-15	5.1																	40	44	40	43	
-16/-17	3.6																	28	28	28	47	
-18/-19	4.5																	35	35	35	62	
-20/-21	1.1																	9	9	9	48	
-22/-23	.5																	4	4	4	56	
-24/-25	.4																	3	3	3	42	
-26/-27	.3																	2	2	2	37	
-28/-29																					14	
-30/-31																					14	
-32/-33																					23	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

NOV
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AR GL

STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-32/-33																					15	
-34/-35																					19	
-36/-37																					14	
-38/-39																					2	
-40/-41																					10	
TOTAL	47.6	40.6	9.5	1.5	.6	.1													780	900	780	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 1

2600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 2 0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17675 THULE AB GI 69-70, 73-87 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
36 / 37						.1												1	1		
36 / 35					.4													3	3		
34 / 33					.1													1	1		
32 / 31					.1													1	1		
30 / 29			.1															1	1		
28 / 27		.5		.4														7	7	6	
26 / 25		.1	.4	.1														5	5	5	
24 / 23			.9	1.0														15	15	1	1
22 / 21		.5	.4	.1														8	8	8	
20 / 19	.3	1.0	.8															16	16	15	3
18 / 17		1.1	.9	.1														17	18	16	2
16 / 15	.1	1.3	.9															18	22	20	3
14 / 13		1.9	.8															21	22	20	5
12 / 11	.3	2.4	1.9															36	38	27	12
10 / 9		4.3	2.5															54	70	41	8
8 / 7		2.8	.6															27	31	41	15
6 / 5	.6	4.6																41	55	39	28
4 / 3	.6	5.1																45	50	49	14
2 / 1	.6	3.8																35	37	38	30
0 / -1	4.9	3.0																63	79	76	29
-2 / -3	2.2	3.8																47	51	50	20
-4 / -5	3.8	4.1																62	68	50	34
-6 / -7	5.7																	45	55	67	44
-6 / -9	5.3																	42	49	42	46
-10 / -11	4.1																	32	42	32	36
-12 / -13	2.5																	20	20	20	28
-14 / -15	4.3																	34	41	34	42
-16 / -17	3.7																	29	30	29	42
-18 / -19	5.2																	41	42	41	66
-20 / -21	1.9																	15	15	15	45
-22 / -23	.6																	5	5	5	47
-24 / -25	.1																	1	1	1	40
-26 / -27																					53
-26 / -29																					32
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17675 STATION INHLE AB GL STATION NAME 69-70,73-80 YEARS NOV MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
46 / 39						.1												1	1					
36 / 37						.3												2	2					
36 / 35				.1														1	1					
34 / 33					.3													2	2					
32 / 31			.1		.1													2	2	1				
30 / 29			.1															1	1	2				
28 / 27		.1	.3	.4	.1													7	7	5				
26 / 25			.5	.3														6	6	2				
24 / 23		.4	.5	.3														9	9	2	1			
22 / 21	.1	.4	.8	.3														12	12	11	2			
20 / 19		1.3	.4	.5														17	17	10	1			
18 / 17		1.1	.8	.3														17	22	23	1			
16 / 15		1.1	1.3															19	26	12	3			
14 / 13	.1	1.4	.8															18	20	20	10			
12 / 11	.3	2.0	.8															24	25	32	9			
10 / 9		4.7	2.5															57	63	31	13			
8 / 7		2.7	.6															26	27	42	10			
6 / 5	1.3	4.7																45	57	37	29			
4 / 3	1.1	3.9																40	46	50	19			
2 / 1	1.1	5.3																51	56	39	19			
0 / -1	4.2	2.8																55	77	75	32			
-2 / -3	1.6	4.2																46	49	59	22			
-4 / -5	3.4	4.7																64	73	46	43			
-6 / -7	4.2																	33	43	56	33			
-8 / -9	6.3																	50	58	50	40			
-10 / -11	4.4																	35	40	35	30			
-12 / -13	2.7																	21	22	21	39			
-14 / -15	4.2																	33	36	33	46			
-16 / -17	4.2																	33	34	33	59			
-18 / -19	5.4																	43	46	43	62			
-20 / -21	1.5																	12	12	12	30			
-22 / -23	1.7																	8	8	8	51			
-24 / -25																					43			
-26 / -27																					39			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 ~~1200-1400~~
HOURS (L. S. T.)

[illegible]

2

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YEARS

NOV

MONTH

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

~~NOV~~
~~MONTH~~

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 YEARS NOV
STATION STATION NAME MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
46/ 39						.1												1	1			
38/ 37						.1												1	1			
36/ 35					.3													2	2			
34/ 33			.3		.3													4	4			
32/ 31				.1														1	1	1		
30/ 29		.1		.1	.1													3	3	3		
28/ 27		.1	.5	.3														7	7	4		
26/ 25		.8	.1	.1														8	8	3	2	
24/ 23		.3	.1															3	3	12	1	
22/ 21		.4	.4	.1														7	7	6	1	
20/ 19		1.0	2.0	.3														26	26	4	2	
18/ 17		.6	.6	.1														11	15	16	1	
16/ 15		1.1	.8															15	21	21	6	
14/ 13	.1	1.9	1.3															26	31	20	7	
12/ 11	.3	2.5	1.4															33	39	24	10	
10/ 9	.1	5.6	.9															52	61	41	18	
8/ 7		3.7	1.0															37	37	44	17	
6/ 5	.3	4.2																35	47	42	10	
4/ 3	.5	5.1																44	52	44	10	
2/ 1	.4	4.4																38	47	44	32	
0/ -1	3.5	3.4																55	68	60	45	
-2/ -3	1.3	2.4																29	31	45	23	
-4/ -5	4.4	4.8																73	88	54	24	
-6/ -7	5.2	.4																44	51	67	35	
-8/ -9	5.2																	49	55	49	39	
-10/-11	4.8																	38	40	38	43	
-12/-13	4.7																	37	39	37	55	
-14/-15	4.1																	32	33	32	43	
-16/-17	2.7																	21	22	21	39	
-18/-19	4.7																	37	39	37	71	
-20/-21	1.8																	14	14	14	31	
-22/-23	.8																	6	6	6	43	
-24/-25	.1																	1	1	1	44	
-26/-27																					44	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 YEARS NOV MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
38/ 37						.1												1	1																	
36/ 35			.1		.1													2	2																	
34/ 33					.5													4	4																	
32/ 31			.1															1	1	1																
30/ 29		.3		.1														3	3	1																
28/ 27		.3	.3	.3														6	6	7																
26/ 25			.5	.4														7	7	3	2															
24/ 23			.3															2	2	6	1															
22/ 21		.5	.8	.1														11	11	3	2															
20/ 19		.6	1.1	.1														15	17	9	1															
18/ 17		1.8	.6	.4														22	26	16																
16/ 15		.9	1.4															18	19	19	3															
14/ 13		2.3	.8															24	28	22																
12/ 11	.3	2.9	.9															32	37	30	12															
10/ 9	.4	5.1	1.4															54	69	47	21															
8/ 7		3.0	.8															30	33	40	10															
6/ 5	.3	4.6																38	50	30	22															
4/ 3	.8	4.9																45	50	46	15															
2/ 1	.5	3.5																32	44	40	28															
0/ -1	4.6	3.3																62	71	70	37															
-2/ -3	1.4	2.8																33	40	44	22															
-4/ -5	4.3	3.5																62	67	52	39															
-6/ -7	4.8																	38	51	56	29															
-8/ -9	7.0																	55	59	55	35															
-10/ -11	5.2																	41	45	41	47															
-12/ -13	2.5																	20	21	20	30															
-14/ -15	5.1																	40	42	40	45															
-16/ -17	4.6																	36	36	36	49															
-18/ -19	4.1																	32	35	32	60															
-20/ -21	1.3																	10	10	10	47															
-22/ -23	1.3																	10	10	10	55															
-24/ -25	.3																	2	2	2	38															
-26/ -27	.1																	1	1	1	32															
-28/ -29																					32															
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ															
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				
Mean No. of Hours with Temperature																																				
																± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total														

PSYCHROMETRIC SUMMARY

17605	THULE AB GI	69-70, 73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 STATION THULE AB GI STATION NAME 69-70.73-80 YEARS NOV MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39						.0												2	2		
38/ 37						.1												7	7		
36/ 35			.0	.1	.2	.1												22	22		
34/ 33			.1	.2	.3	.2												19	19		
32/ 31		.1	.0	.0	.1													16	16	6	
30/ 29		.1	.1	.1	.0													15	15	19	
28/ 27		.2	.2	.4	.0													51	51	32	3
26/ 25		.2	.3	.3	.0													52	52	31	10
24/ 23		.2	.3	.3														51	51	42	6
22/ 21	.0	.5	.6	.2														81	81	49	8
20/ 19	.0	.8	.9	.2														123	136	76	13
18/ 17		1.0	.8	.2														125	146	125	15
16/ 15	.0	1.3	1.2															163	197	136	29
14/ 13	.0	1.9	.9															179	206	172	35
12/ 11	.2	2.1	1.3															227	255	239	70
10/ 9	.1	5.0	2.0															451	547	304	116
8/ 7	.0	3.2	.6															241	260	351	84
6/ 5	.6	4.7																335	440	299	169
4/ 3	.7	4.6																332	385	364	151
2/ 1	.5	4.2																296	358	320	212
0/ -1	4.6	3.2																489	595	570	295
-2/ -3	1.7	3.1																304	332	390	174
-4/ -5	4.0	4.3																526	595	401	269
-6/ -7	5.4	.1																343	411	524	300
-8/ -9	5.7																	360	415	360	297
-10/-11	4.6																	293	341	293	335
-12/-13	3.1																	196	213	196	273
-14/-15	4.6																	291	315	291	360
-16/-17	3.9																	247	256	247	365
-18/-19	4.6																	288	301	288	508
-20/-21	1.7																	106	106	106	346
-22/-23	.9																	57	57	57	402
-24/-25	.2																	11	11	11	337
-26/-27	.1																	4	4	4	326
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ		Σ	No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605	THULE AB GL	69-70, 73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 YEARS DEC
STATION STATION NAME MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35			.3	.1														3	3		
34/ 33	.3	.1	.1															4	4	2	2
32/ 31			.3															2	2	3	
30/ 29	.4	.4																6	6	10	4
28/ 27																					1
26/ 25	.1	.4	.1															5	5	3	3
24/ 23	.3	.1																3	3	4	6
22/ 21	.4	.4																6	6	4	8
20/ 19	.3		.4															5	5	5	
18/ 17		.6	.1															6	6		1
16/ 15	.3	1.1	.4															14	16	18	3
14/ 13			.4															3	10	2	3
12/ 11	.6	1.3	.6															20	23	14	4
10/ 9	.3	2.5	.3															24	29	17	14
8/ 7	.1	2.5	.6															26	29	20	5
6/ 5	1.5	3.1																37	39	39	7
4/ 3	1.8	3.3																40	44	38	10
2/ 1	.9	1.5																19	25	32	15
0/ -1	2.0	2.0																32	40	29	27
-2/ -3	1.3	2.9																33	39	41	21
-4/ -5	1.8	3.1																39	48	27	15
-6/ -7	4.5	.1																37	42	56	24
-8/ -9	5.5																	44	54	44	16
-10/-11	7.4																	59	68	59	6
-12/-13	3.5																	28	31	28	15
-14/-15	7.3																	58	64	58	23
-16/-17	5.4																	43	53	43	38
-18/-19	7.7																	61	79	61	59
-20/-21	4.1																	33	37	33	28
-22/-23	3.4																	27	33	27	48
-24/-25	3.0																	24	26	24	42
-26/-27	3.0																	24	28	24	43
-28/-29	2.1																	17	19	17	70
-30/-31	1.0																	8	8	8	36
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AB GL

STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17605	THULE AB GI	69-70, 73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
36 / 35		.3	.1															3	3	2					
34 / 33	.1	.1	.3	.1														5	5	1	3				
32 / 31																				2					
30 / 29	.3	.1	.5															7	7	5	3				
28 / 27		.4	.1															4	7	6	1				
26 / 25	.1	.6																6	9	5	1				
24 / 23																				4	5				
22 / 21	.4	.3																5	5	3	4				
20 / 19	.1	.3	.1															4	4	3	7				
18 / 17	.5	.6	.4															12	13	8	1				
16 / 15		.9	.3															9	9	8	9				
14 / 13		.5	.6															9	11	6	2				
12 / 11	1.1		.4															15	18	17	3				
10 / 9	.1	2.0	.3															19	28	13	14				
8 / 7		2.9	.5															27	29	18	6				
6 / 5	1.3	1.8																24	26	34	2				
4 / 3	.4	3.2																28	35	18	11				
2 / 1	1.6	1.9																28	34	38	15				
0 / -1	3.0	.8																30	32	39	18				
-2 / -3	1.3	3.8																40	41	29	10				
-4 / -5	3.5	2.4																47	53	53	27				
-6 / -7	6.2																	49	64	59	23				
-8 / -9	6.6																	52	61	52	20				
-10 / -11	6.1																	48	52	48	12				
-12 / -13	3.2																	25	36	25	13				
-14 / -15	5.2																	41	62	41	24				
-16 / -17	5.3																	42	47	42	44				
-18 / -19	7.6																	60	71	60	52				
-20 / -21	3.7																	29	31	29	27				
-22 / -23	6.0																	47	52	47	52				
-24 / -25	3.9																	31	38	31	38				
-26 / -27	1.8																	14	14	14	38				
-28 / -29	2.3																	18	20	18	53				
-30 / -31	.4																	3	3	3	32				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Num.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17635
STATION

THULE AB GL
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
76/ 35		.1		.3														3	3	1			
34/ 33	.3	.4	.1	.3														8	8	2	3		
32/ 31				.1														1	1	3			
30/ 29			.1															1	3	3	2		
28/ 27		.8																6	7	4	1		
26/ 25		1.0																8	9	6			
24/ 23		.4	.1															4	4	10			
22/ 21		.1	.3															3	5	1	9		
20/ 19	.4	.3	.1															6	6	7	8		
18/ 17	.5	.1	.4															8	8	6	8		
16/ 15	.4	.3	.6															10	13	7	10		
14/ 13		.6	.4															8	8	6	1		
12/ 11	.6	.6	.6															15	15	16	1		
10/ 9	1.3	1.3	.1															21	28	25	18		
8/ 7	.3	2.1		.6														24	25	13	6		
6/ 5	.9	1.6																20	25	24	9		
4/ 3	.5	1.8																18	21	16	6		
2/ 1	1.6	2.0																29	33	29	15		
0/ -1	4.6	1.3																47	49	52	20		
-2/ -3	1.9	3.1																40	43	42	10		
-4/ -5	4.9	3.4																66	71	56	17		
-6/ -7	2.9																	23	35	40	19		
-8/ -9	7.8																	62	72	62	24		
-10/-11	7.1																	57	62	57	19		
-12/-13	4.5																	36	42	36	13		
-14/-15	4.6																	37	48	37	22		
-16/-17	6.0																	48	59	48	34		
-18/-19	5.1																	41	58	41	48		
-20/-21	3.6																	29	31	29	41		
-22/-23	6.0																	48	55	48	56		
-24/-25	3.6																	29	31	29	46		
-26/-27	1.9																	15	16	15	38		
-28/-29	2.1																	17	19	17	46		
-30/-31	.8																	6	6	6	40		
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≈ 67 F		≈ 73 F		≈ 80 F		≈ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605 THULE AB GL
STATION STATION NAME

69-70, 73-80 YEARS

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17625

THULE AB GI

STATION NAME

69-70,73-80

YEARS

DEC

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
40 / 39					.1													1	1				
38 / 37					.1													1	1				
36 / 35		.1																1	1	1			
34 / 33	.2		.2	.4														7	7	2	3		
32 / 31		.2	.1	.2														5	5	3			
30 / 29		.5																4	6	3			
28 / 27		.5	.4															7	10	9	1		
26 / 25		.5																4	5	7	8		
24 / 23		.9	.1															8	8	5			
22 / 21		.5																4	4	7			
20 / 19	.4	.1	.1	.2														7	7	8	4		
18 / 17	.2	.1	.4															6	7	4	13		
16 / 15	.2	.2	.4															7	8	5	11		
14 / 13	.1	.4	.2															6	6	7	3		
12 / 11	.6	.9	.4															15	15	15	6		
10 / 9	1.1	.7	.4															18	34	19	12		
8 / 7	.4	1.7	.6															22	25	13	10		
6 / 5	.9	1.9																22	22	25	8		
4 / 3	1.1	1.2																19	21	21	5		
2 / 1	.9	1.7																21	23	18	11		
0 / -1	4.9	1.7																53	57	57	18		
-2 / -3	1.2	2.6																31	34	35	13		
-4 / -5	4.4	2.9																58	61	46	10		
-6 / -7	4.9	.1																40	47	57	21		
-8 / -9	8.1																	65	79	65	21		
-10 / -11	6.1																	49	60	49	16		
-12 / -13	4.2																	34	38	34	14		
-14 / -15	6.1																	49	57	49	31		
-16 / -17	5.3																	43	48	43	21		
-18 / -19	6.2																	50	70	50	57		
-20 / -21	5.2																	42	43	42	31		
-22 / -23	4.2																	34	39	34	61		
-24 / -25	4.1																	33	36	33	41		
-26 / -27	2.4																	19	25	19	41		
Element (X)	Σx ²		Σx		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 DEC

PAGE 2 0900-1100
HOURS 11 5 31

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-28/-29	1.0																	6	8	8	61		
-30/-31	.1																	1	1	1	28		
-32/-33	.9																	7	7	7	43		
-34/-35	.4																	3	4	3	37		
-36/-37																					54		
-38/-39																					22		
-40/-41																					27		
-42/-43																					18		
-44/-45																					6		
-46/-47																					3		
-48/-49																					2		
TOTAL	75.9	19.7	3.4	.9	.2														930		804		
																		804		604			
																				</			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17625 STATION THULE AB GI STATION NAME 69-70, 73-80 YEARS DEC MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
38/ 37		.1			.1													2	2					
36/ 35		.2		.1														3	3	3				
34/ 33		.1	.1	.1														3	3		3			
32/ 31		.4																3	3	3				
30/ 29			.4															3	3	4	1			
28/ 27	.1	.6	.5															10	10	4	3			
26/ 25		.4	.4															6	8	8	3			
24/ 23		.6																5	6	6				
22/ 21		.2																2	3	7	1			
20/ 19	.1	.6	.1															7	9	3	8			
18/ 17		.4																3	3	8	9			
16/ 15	.5	.5	1.0															16	16	5	6			
14/ 13	.2	1.0	.1															11	11	9	6			
12/ 11	.2	.1	.4															6	6	15	13			
10/ 9	1.2	1.9	.4															28	35	19	11			
8/ 7	.1	1.5	.4															16	23	18	7			
6/ 5	.7	2.5																26	32	23	8			
4/ 3	.9	1.9																22	25	25	6			
2/ 1	.9	3.5																35	40	20	7			
0/ -1	3.2	1.7																40	45	57	23			
-2/ -3	1.3	2.6																29	30	31	12			
-4/ -5	2.7	2.2																48	55	43	18			
-6/ -7	5.8	.2																49	54	62	21			
-8/ -9	6.1																	49	60	49	12			
-10/ -11	6.5																	52	61	52	20			
-12/ -13	4.2																	34	38	34	10			
-14/ -15	6.5																	52	62	52	27			
-16/ -17	5.1																	41	44	41	29			
-18/ -19	7.2																	58	78	58	49			
-20/ -21	4.7																	38	42	38	37			
-22/ -23	5.3																	43	45	43	52			
-24/ -25	3.5																	28	30	28	57			
-26/ -27	2.2																	18	21	18	48			
-28/ -29	.7																	6	9	6	59			
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-80 YEARS DEC
STATION MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
36/ 35		.1	.2															3	3			
34/ 33	.4	.2	.5	.4														12	12	6	3	
32/ 31																				2	1	
30/ 29			.1															1	1	4	2	
28/ 27		.1	.2															3	3	3		
26/ 25		1.1	.1															10	10	4		
24/ 23		.6																5	5	10	7	
22/ 21	.1	.2																3	7	6	1	
20/ 19	.4	.5	.2															9	10	5	3	
18/ 17	.1	.7	.4															10	11	5	15	
16/ 15		.4	.7															9	9	9	6	
14/ 13	.1	.6	.2															8	8	10	1	
12/ 11	.5	.5	.1															9	9	15	9	
10/ 9	1.0	2.5	.5															32	37	13	14	
8/ 7		.2	.4															5	6	21	9	
6/ 5	1.1	2.8																32	36	16	5	
4/ 3	.9	2.5																27	31	29	7	
2/ 1	.9	3.1																32	40	30	10	
0/ -1	4.1	2.7																55	61	61	23	
-2/ -3	.9	2.2																25	33	37	10	
-4/ -5	2.7	2.2																40	48	34	23	
-6/ -7	6.5	.1																54	66	64	18	
-8/ -9	5.8																	47	55	47	13	
-10/ -11	5.5																	45	49	45	20	
-12/ -13	3.5																	28	29	28	12	
-14/ -15	7.9																	64	66	64	32	
-16/ -17	3.9																	32	39	32	26	
-18/ -19	8.0																	65	79	65	46	
-20/ -21	4.3																	35	43	35	25	
-22/ -23	5.7																	46	52	46	61	
-24/ -25	2.7																	22	24	22	60	
-26/ -27	1.7																	14	16	14	51	
-28/ -29	2.1																	17	20	17	48	
-30/ -31	.5																	4	4	4	33	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Num.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
Mean No. of Hours with Temperature																						
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total								

PSYCHROMETRIC SUMMARY

17605
STATION

THULE AR GL

STATION NAME

69-70, 73-80

YEARS

DEC

MON TH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
-32/-33	.7																	6	6	6	53			
-34/-35	.2																	2	2	2	49			
-36/-37																					47			
-38/-39																					17			
-40/-41																					28			
-42/-43																					11			
-44/-45																					7			
-46/-47																					4			
-48/-49																					1			
TOTAL	72.3	23.6	3.8	.4															930		811			
																		811		811				
													</											

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17605 THULE AB GI 69-70, 73-81 ALL
STATION MONTH YEARS

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
62/ 61						.0	.0											8	8						
60/ 59						.0	.0											9	10						
58/ 57					.0	.0	.0		.0									30	35						
56/ 55				.0	.0	.0	.0	.0										16	36						
54/ 53				.0	.0	.0	.0	.0										38	75						
52/ 51			.0	.0	.1	.0	.0	.0										111	155	7					
50/ 49			.0	.1	.1	.0	.0	.0										199	254	32					
48/ 47			.1	.2	.1	.1	.0											396	515	27					
46/ 45	.0	.0	.4	.4	.3	.1	.0											977	1273	84	5				
44/ 43	.0	.1	.4	.7	.3	.1	.0											1253	1421	295	14				
42/ 41	.0	.2	.6	.9	.4	.1												1697	1802	685	74				
40/ 39	.0	.5	1.2	1.3	.2	.0	.0											2570	2870	1055	199				
38/ 37	.1	.7	1.9	.9	.2	.0	.0											2946	3293	1886	467				
36/ 35	.1	.9	2.1	.8	.1	.0												3226	3635	2748	928				
34/ 33	.2	1.0	1.9	.6	.1	.0												3050	3327	4128	1431				
32/ 31	.1	1.3	1.1	.3	.0	.0												2292	2488	3603	1220				
30/ 29	.2	1.9	1.6	.4	.0	.0												3238	3449	3614	2217				
28/ 27	.4	2.2	1.4	.2	.1													3393	3817	3250	4215				
26/ 25	.2	1.2	1.0	.2	.1													2083	2245	3263	3765				
24/ 23	.0	.9	1.0	.2	.1													1796	1889	1956	3159				
22/ 21	.2	1.1	.6	.2														1668	1764	1895	2614				
20/ 19	.2	1.2	.7	.2														1807	1890	1893	2330				
18/ 17	.1	1.2	.7	.2														1813	1889	1888	2177				
16/ 15	.1	1.3	.8	.0														1751	1845	2047	1758				
14/ 13	.0	.9	.4															1103	1165	1642	1241				
12/ 11	.2	1.3	.6															1758	1845	1985	1762				
10/ 9	.3	2.6	.6															2809	3060	1936	2510				
8/ 7	.1	1.4	.2															1375	1448	2342	1112				
6/ 5	.5	2.2																2170	2381	1722	1792				
4/ 3	.5	2.0																1966	2115	2105	1419				
2/ 1	.6	1.9																1990	2149	2109	1449				
0/ -1	2.8	1.3																3261	3594	3800	2375				
-2/ -3	.9	1.5																1881	1980	2357	1124				
-4/ -5	1.8	1.7																2811	3035	2230	2006				
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

17635	THULE AB GL	69-70,73-81	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17605 THULE AB GL 69-70,73-81

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-8.9	-13.7	-11.3	-2.6	15.5	31.3	38.2	36.7	26.9	13.7	-.1	-7.3	9.8
	S D	16.059	18.395	16.367	11.384	9.736	5.329	5.379	5.085	6.715	11.252	11.550	15.102	21.334
	TOTAL OBS	930	846	930	900	930	812	928	929	900	928	899	930	10862
03-05	MEAN	-8.9	-13.6	-11.5	-2.9	15.1	31.2	38.0	36.3	26.6	13.7	-.3	-7.3	9.7
	S D	16.035	18.167	16.676	11.540	9.613	5.525	5.396	5.238	6.706	11.044	11.497	15.332	21.270
	TOTAL OBS	930	846	930	900	930	813	930	930	900	928	900	930	10867
06-08	MEAN	-8.8	-13.7	-11.5	-2.1	16.6	31.6	38.5	37.2	26.7	13.7	-.3	-7.3	10.0
	S D	15.869	18.219	16.692	11.371	9.272	5.234	5.719	5.245	6.879	11.169	11.646	15.361	21.466
	TOTAL OBS	930	846	930	900	930	813	930	930	900	930	900	929	10868
09-11	MEAN	-8.8	-13.5	-10.4	.4	19.1	32.7	39.3	38.4	28.4	14.2	-.1	-7.1	11.0
	S D	15.770	17.900	16.084	10.287	8.448	5.424	5.706	5.133	6.684	11.448	11.570	15.458	21.648
	TOTAL OBS	930	845	929	899	930	810	930	930	900	930	899	930	10862
12-14	MEAN	-8.7	-13.4	-9.1	2.8	20.5	33.4	39.8	39.0	29.7	14.4	-.2	-7.2	11.7
	S D	16.026	17.851	14.740	9.790	8.154	5.638	5.528	5.088	6.704	11.566	11.692	15.313	21.698
	TOTAL OBS	930	846	929	900	930	811	930	930	900	930	900	930	10866
15-17	MEAN	-8.4	-13.5	-9.0	3.5	21.0	33.6	40.0	39.2	29.8	14.3	-.1	-7.1	11.9
	S D	15.977	18.106	14.319	9.721	7.999	5.380	5.617	5.172	6.111	11.319	11.809	15.315	21.717
	TOTAL OBS	930	845	930	900	929	812	930	930	900	928	900	930	10864
18-20	MEAN	-8.2	-13.3	-10.1	2.1	20.7	33.5	39.9	38.9	28.8	14.0	.1	-7.1	11.6
	S D	15.907	17.943	15.156	9.939	8.296	5.368	5.446	5.093	6.567	11.322	11.702	15.418	21.716
	TOTAL OBS	930	846	929	899	928	812	929	930	900	930	900	929	10862
21-23	MEAN	-8.5	-13.5	-10.9	-.9	18.2	32.4	38.9	37.6	27.1	13.4	-.1	-7.6	10.5
	S D	15.867	18.189	16.083	10.784	9.078	5.179	5.378	5.008	6.958	11.317	11.747	15.489	21.540
	TOTAL OBS	930	846	930	900	924	816	929	930	900	930	900	926	10861
ALL HOURS	MEAN	-8.7	-13.5	-10.5	.0	18.4	32.5	39.1	37.9	28.0	13.9	-.1	-7.3	10.8
	S D	15.932	18.088	15.780	10.758	9.114	5.462	5.569	5.235	6.726	11.305	11.647	15.342	21.565
	TOTAL OBS	7440	6766	7437	7198	7431	6499	7436	7439	7200	7434	7198	7434	86912

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17605 THULE AR GL

69-70,73-81

STATION	STATION NAME	YEARS												
HRS. LST.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	-9.5	-12.7	-11.1	-3.2	13.5	28.2	34.5	33.3	24.2	12.3	-1.3	-7.6	8.2
	S.D.	15.966	16.759	15.747	10.902	9.009	4.369	4.063	4.216	6.344	9.707	10.926	15.048	19.624
	TOTAL OBS.	789	782	900	888	928	745	780	833	801	860	785	796	9887
03-05	MEAN	-9.5	-12.7	-11.4	-3.6	13.2	28.1	34.4	32.9	23.9	12.3	-1.6	-7.7	8.0
	S.D.	15.918	16.626	16.096	11.064	8.930	4.489	4.198	4.372	6.335	9.520	10.898	15.174	19.588
	TOTAL OBS.	787	785	901	888	930	749	779	834	801	860	780	789	9883
06-08	MEAN	-9.5	-12.8	-11.5	-2.8	14.4	28.4	34.7	33.6	24.0	12.4	-1.5	-7.5	8.2
	S.D.	15.867	16.729	16.231	10.742	8.547	4.279	4.436	4.225	6.424	9.578	10.934	14.994	19.694
	TOTAL OBS.	796	785	906	891	930	752	778	832	799	866	789	800	9924
09-11	MEAN	-9.2	-12.5	-10.5	-0.5	16.5	29.0	35.1	34.3	25.2	12.8	-1.1	-7.5	9.1
	S.D.	15.386	16.312	15.536	9.508	7.686	4.081	4.224	3.989	6.175	9.793	10.934	15.092	19.654
	TOTAL OBS.	788	785	904	891	928	748	791	831	796	866	788	804	9920
12-14	MEAN	-9.0	-12.5	-9.2	1.7	17.7	29.5	35.4	34.6	26.2	12.9	-1.3	-7.5	9.7
	S.D.	15.486	16.215	14.225	8.983	7.336	4.115	3.904	3.927	5.699	9.817	11.025	15.045	19.588
	TOTAL OBS.	782	787	912	886	927	740	791	833	797	872	790	804	9921
15-17	MEAN	-8.9	-12.6	-9.2	2.4	18.1	29.7	35.6	34.8	26.4	12.8	-1.2	-7.4	9.9
	S.D.	15.498	16.460	13.950	8.941	7.244	4.008	3.967	3.895	5.633	9.828	11.174	15.158	19.648
	TOTAL OBS.	792	781	914	888	928	746	787	838	802	862	792	811	9941
18-20	MEAN	-8.6	-12.4	-10.1	1.2	17.8	29.8	35.5	34.8	25.7	12.6	-1.1	-7.4	9.7
	S.D.	15.391	16.306	14.724	9.254	7.551	4.062	3.847	3.911	6.143	9.839	11.053	15.158	19.712
	TOTAL OBS.	799	778	908	885	927	749	786	833	803	865	790	796	9919
21-23	MEAN	-9.0	-12.4	-10.8	-1.6	15.9	29.0	35.0	34.0	24.3	12.1	-1.4	-7.8	8.8
	S.D.	15.465	16.402	15.562	10.229	8.356	3.996	3.948	4.057	6.546	9.821	11.123	15.333	19.695
	TOTAL OBS.	798	779	900	890	921	744	787	829	803	858	789	795	9893
ALL HOURS	MEAN	-9.2	-12.6	-10.4	-0.8	15.9	29.0	35.0	34.1	25.0	12.5	-1.3	-7.5	8.9
	S.D.	15.615	16.468	15.269	10.048	8.314	4.223	4.099	4.128	6.241	9.738	11.003	15.117	19.662
	TOTAL OBS.	6331	6262	7245	7107	7419	5973	6279	6663	6402	6909	6303	6395	79288

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17605 THULE AB GL

69-70, 73-81

STATION		STATION NAME					YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL				
00-02	MEAN	-22.4	-25.5	-23.9	-15.7	3.0	21.0	29.1	27.8	17.3	2.9	-13.8	-20.1	-1.9				
	S D	27.256	28.223	27.087	21.191	13.747	7.255	4.534	5.066	8.447	11.529	18.690	25.531	23.308				
	TOTAL OBS	789	782	900	888	928	745	780	833	801	860	785	796	9887				
03-05	MEAN	-22.3	-25.6	-24.1	-16.1	2.5	20.9	29.3	27.4	16.9	2.9	-14.1	-20.3	-2.1				
	S D	27.087	28.349	27.377	21.464	13.754	7.243	4.678	5.308	8.312	11.467	18.741	25.687	23.309				
	TOTAL OBS	787	785	901	888	930	749	779	834	801	860	780	789	9883				
06-08	MEAN	-22.5	-25.6	-24.2	-15.4	3.5	21.0	29.4	27.7	16.9	3.0	-13.9	-19.9	-2.0				
	S D	27.036	28.444	27.522	20.875	13.255	7.131	4.833	5.181	8.295	11.479	18.607	25.432	23.281				
	TOTAL OBS	796	785	906	891	930	752	778	832	799	866	789	800	9924				
09-11	MEAN	-22.5	-25.6	-23.4	-13.1	5.2	21.2	29.4	27.9	17.3	3.3	-13.7	-20.2	-1.4				
	S D	26.855	28.232	26.713	18.876	12.490	6.600	4.785	5.108	8.224	11.696	18.564	25.772	23.089				
	TOTAL OBS	788	785	904	891	928	748	791	831	796	866	788	804	9920				
12-14	MEAN	-22.1	-25.5	-22.2	-10.9	6.2	21.5	29.5	27.9	18.2	3.2	-13.6	-20.1	-0.9				
	S D	26.654	28.118	25.563	17.228	12.067	6.428	4.483	5.213	7.940	11.760	18.511	25.609	22.875				
	TOTAL OBS	782	787	912	886	927	740	791	833	797	872	790	804	9921				
15-17	MEAN	-22.2	-25.6	-22.1	-10.2	6.5	21.9	29.6	27.9	18.5	3.2	-13.6	-20.1	-0.7				
	S D	26.697	28.401	25.475	16.776	12.239	6.410	4.438	5.002	7.788	11.839	18.645	25.665	22.964				
	TOTAL OBS	792	781	914	888	928	746	787	838	802	862	792	811	9941				
18-20	MEAN	-21.8	-25.2	-23.0	-11.2	6.5	22.2	29.6	28.3	18.3	3.3	-13.5	-20.0	-0.7				
	S D	26.535	28.011	26.081	17.738	12.631	6.560	4.454	5.001	8.207	11.861	18.537	25.498	23.098				
	TOTAL OBS	799	778	908	885	927	749	786	833	803	865	790	796	9919				
21-23	MEAN	-21.9	-25.2	-23.6	-13.8	5.0	21.7	29.3	28.1	17.3	2.7	-13.8	-20.4	-1.5				
	S D	26.671	28.095	26.768	19.847	13.209	6.609	4.529	4.955	8.628	11.809	18.702	25.772	23.226				
	TOTAL OBS	798	779	900	890	921	744	787	829	803	858	789	795	9893				
ALL HOURS	MEAN	-22.2	-25.5	-23.3	-13.3	4.8	21.4	29.4	27.9	17.6	3.0	-13.7	-20.1	-1.4				
	S D	26.835	28.219	26.567	19.320	13.020	6.800	4.594	5.108	8.253	11.677	18.614	25.607	23.143				
	TOTAL OBS	6331	6262	7245	7107	7419	5973	6279	6663	6402	6909	6303	6395	79288				

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605

THULE AB GL

70,73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	99.9	98.4	89.1	77.4	55.3	31.3	15.8	6.5	2.4	53.1	789
	03-05	100.0	98.7	89.1	77.4	55.8	33.4	14.7	6.0	2.2	53.2	787
	06-08	100.0	98.6	88.3	77.6	57.4	31.9	12.1	3.6	1.1	52.7	796
	09-11	100.0	98.5	89.0	76.8	55.2	28.3	12.6	4.6	1.5	51.9	788
	12-14	100.0	99.2	89.4	77.0	56.4	30.2	11.1	3.5	1.2	52.1	782
	15-17	100.0	99.7	89.3	74.7	53.5	28.9	10.7	3.5	.9	51.8	792
	18-20	100.0	99.0	89.1	77.1	53.9	30.7	12.1	3.5	1.5	52.1	799
	21-23	100.0	98.9	89.7	76.8	55.9	29.8	12.3	5.1	2.5	52.7	798
TOTALS		100.0	98.9	89.1	76.9	55.4	30.6	12.7	4.5	1.7	52.5	6331

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

70,73-81

PERIOD

FEB

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	97.7	90.0	81.1	58.2	31.1	12.0	3.1	.9	53.1	782
	03-05	99.9	96.8	90.4	81.8	56.9	31.2	9.9	2.0	.5	52.6	785
	06-08	100.0	98.0	90.2	81.0	59.1	31.1	11.1	4.2	1.0	53.2	785
	09-11	100.0	96.8	89.7	78.7	59.5	30.4	11.1	2.4	1.0	52.6	785
	12-14	100.0	97.1	90.0	79.7	56.8	31.5	9.7	2.4	.9	52.4	787
	15-17	100.0	97.8	89.1	79.4	58.8	31.2	10.5	2.6	1.2	52.6	781
	18-20	100.0	97.3	90.4	80.7	58.7	32.1	12.5	3.1	.8	53.1	778
	21-23	100.0	97.7	89.9	81.0	58.9	32.2	11.9	2.6	.8	53.1	779
TOTALS		100.0	97.4	90.0	80.4	58.4	31.4	11.1	2.8	.9	52.8	6262

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605 THULE AB GL

70,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	99.8	96.6	91.0	81.6	60.3	32.4	12.0	3.7	1.0	53.3	900
	03-05	100.0	96.3	91.7	82.1	59.5	32.5	11.0	3.8	1.8	53.4	901
	06-08	100.0	96.9	91.6	81.6	58.4	31.8	13.1	4.5	.9	53.4	906
	09-11	100.0	96.1	91.8	81.1	58.7	30.8	10.3	2.7	.8	52.8	904
	12-14	99.9	95.6	91.3	81.7	60.2	30.2	9.9	3.1	.7	52.7	912
	15-17	100.0	94.6	90.6	81.4	60.3	33.3	12.0	4.2	.8	53.2	914
	18-20	100.0	94.8	90.3	81.8	61.1	31.9	12.6	4.0	1.2	53.4	908
	21-23	100.0	95.7	90.4	81.7	60.6	32.7	11.0	4.1	1.3	53.4	900
TOTALS		100.0	95.8	91.1	81.6	59.9	32.0	11.5	3.8	1.1	53.2	7245

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

70,73-81

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	93.1	89.5	81.2	66.2	42.3	19.0	7.5	2.0	55.6	888
	03-05	99.9	91.9	89.6	81.2	64.3	40.7	19.8	7.2	2.0	55.5	888
	06-08	100.0	91.9	89.9	80.2	64.9	41.4	19.3	8.0	1.7	55.4	891
	09-11	100.0	92.1	89.2	80.8	67.5	40.1	19.0	7.1	1.8	55.3	891
	12-14	100.0	91.2	88.8	79.0	65.9	41.1	18.5	6.9	.6	55.1	886
	15-17	100.0	91.9	89.1	80.1	64.8	43.1	17.8	5.4	.2	55.0	888
	18-20	100.0	92.8	89.3	81.1	67.6	43.3	20.8	8.7	1.8	56.1	885
	21-23	100.0	92.7	89.7	81.0	66.6	44.4	22.0	9.7	2.4	56.4	890
TOTALS		100.0	92.2	89.4	80.6	66.0	42.1	19.5	7.6	1.6	55.6	7107

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605 THULE AB GL
STATION

STATION NAME

70,73-81

PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	90.6	90.0	85.6	72.7	58.4	35.6	13.4	5.1	61.0	928
	03-05	100.0	90.9	89.8	86.2	73.3	57.1	33.8	13.1	4.7	60.6	930
	06-08	100.0	90.3	89.8	86.0	71.7	54.5	28.8	12.2	3.2	59.5	930
	09-11	100.0	90.5	89.9	83.4	69.7	50.4	25.4	9.6	2.7	57.8	928
	12-14	100.0	90.6	90.0	83.1	67.5	47.9	23.1	6.8	1.5	56.9	927
	15-17	100.0	90.2	89.8	82.7	66.7	47.3	22.8	7.0	1.3	56.8	928
	18-20	100.0	90.3	89.8	83.9	68.3	49.8	25.0	8.4	2.2	57.6	927
	21-23	100.0	90.7	89.7	85.7	70.7	55.2	29.6	12.5	4.1	59.4	921
TOTALS		100.0	90.5	89.9	84.6	70.1	52.6	28.0	10.4	3.1	56.7	7419

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605 THULE AB GL
STATION

STATION NAME

69-70,73-80
PERIOD

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	98.4	98.4	94.9	69.4	69.9	36.6	21.3	6.8	67.0	745
	03-05	100.0	98.4	98.0	94.1	88.8	70.9	38.6	21.2	6.7	67.1	749
	06-08	100.0	98.4	98.4	94.7	87.4	66.4	36.3	20.5	5.7	66.2	752
	09-11	100.0	98.5	98.1	93.7	82.1	59.5	32.0	20.5	4.7	64.4	748
	12-14	100.0	98.8	98.5	93.8	78.5	56.6	31.2	17.8	4.7	63.5	740
	15-17	100.0	98.8	98.4	93.7	82.6	59.4	31.4	17.7	3.1	64.1	746
	18-20	100.0	98.8	98.0	93.6	84.1	63.6	33.0	17.6	4.1	64.6	749
	21-23	100.0	98.8	98.3	95.3	87.5	67.1	34.1	19.1	5.9	66.0	744
TOTALS		100.0	98.6	98.3	94.2	85.1	64.2	34.2	19.5	5.2	65.4	5973

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605 THULE AB GL

69-70, 73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.4	93.6	78.6	49.5	26.5	10.4	71.9	780
	03-05	100.0	100.0	100.0	100.0	96.0	79.1	50.8	31.2	12.7	73.0	779
	06-08	100.0	100.0	99.9	99.9	95.4	78.7	49.5	26.7	9.5	71.9	778
	09-11	100.0	100.0	99.6	98.2	92.3	75.0	46.0	22.9	8.3	70.3	791
	12-14	100.0	100.0	99.7	98.2	92.4	73.7	39.6	20.7	6.6	69.1	791
	15-17	100.0	100.0	99.9	98.6	88.8	70.9	39.4	21.6	7.1	68.6	787
	18-20	100.0	100.0	99.7	98.5	91.2	71.2	43.6	23.0	8.3	69.3	786
	21-23	100.0	100.0	99.9	98.1	91.6	73.8	47.4	27.2	8.5	70.6	787
TOTALS		100.0	100.0	99.8	98.9	92.7	75.1	45.7	25.2	8.9	70.6	6279

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL
STATION NAME

69-70,73-80
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	98.7	95.2	78.0	47.1	25.1	7.9	71.2	833
	03-05	100.0	100.0	100.0	98.7	94.2	80.2	49.5	25.5	7.8	71.4	834
	06-08	100.0	100.0	99.5	97.7	92.5	76.6	44.8	21.4	7.5	70.0	832
	09-11	100.0	100.0	99.6	97.0	90.1	70.3	33.5	16.2	5.9	67.6	831
	12-14	100.0	100.0	99.0	96.8	87.4	67.5	31.2	13.8	4.7	66.0	833
	15-17	100.0	100.0	99.8	95.3	86.5	60.9	30.3	15.5	5.1	65.5	838
	18-20	100.0	100.0	99.9	96.0	87.6	66.4	35.9	19.1	4.9	66.9	833
	21-23	100.0	100.0	100.0	98.9	91.6	72.9	43.1	23.9	6.5	66.6	829
TOTALS		100.0	100.0	99.7	97.4	90.6	71.6	39.4	20.1	6.3	68.5	6663

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605 THULE A3 GL
STATION

STATION NAME

69-70,73-80

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	98.6	90.4	69.4	39.3	19.7	5.2	68.2	801
	03-05	100.0	100.0	100.0	97.9	91.4	70.7	38.8	16.2	4.7	67.8	801
	06-08	100.0	100.0	100.0	98.5	91.6	69.1	35.2	16.5	5.8	67.5	799
	09-11	100.0	100.0	99.9	97.7	84.2	60.2	29.0	13.3	4.0	64.3	796
	12-14	100.0	100.0	99.5	95.6	82.6	55.5	27.0	13.3	4.5	63.4	797
	15-17	100.0	100.0	99.8	96.5	85.7	57.5	28.8	13.2	3.9	64.1	802
	18-20	100.0	100.0	99.6	97.8	88.8	64.3	32.3	18.7	5.2	66.2	803
	21-23	100.0	100.0	100.0	97.5	89.8	68.4	38.9	19.7	5.1	67.6	803
TOTALS		100.0	100.0	99.9	97.5	88.1	64.4	33.7	16.3	4.8	66.1	6402

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

69-70,73-80

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.8	92.9	76.7	57.1	25.6	7.8	2.0	61.7	860
	03-05	100.0	100.0	99.8	91.9	76.4	54.5	25.9	8.0	2.7	61.5	860
	06-08	100.0	100.0	99.5	92.4	77.1	56.5	26.6	6.2	1.3	61.6	866
	09-11	100.0	100.0	99.2	91.4	75.1	54.3	25.4	6.4	1.2	61.0	866
	12-14	100.0	100.0	99.2	91.3	73.7	53.9	24.9	6.9	1.5	60.5	872
	15-17	100.0	100.0	99.4	91.5	76.8	55.6	23.0	5.5	1.0	60.8	862
	18-20	100.0	100.0	99.7	92.1	76.9	56.4	24.5	8.7	2.2	61.7	865
	21-23	100.0	100.0	99.7	93.8	75.9	56.4	25.2	6.6	1.6	61.5	858
TOTALS		100.0	100.0	99.5	92.2	76.1	55.6	25.1	7.0	1.7	61.3	6909

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

69-72, 73-78, 80

4. **TRIOD**

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
NOV	00-02	100.0	100.0	94.9	80.0	57.6	31.2	11.7	1.1	.5	53.3	785
	03-05	100.0	100.0	95.8	80.3	58.5	31.9	12.2	2.6	.6	53.5	780
	06-08	100.0	100.0	95.8	79.3	57.5	33.7	11.2	2.8	.5	53.7	789
	09-11	100.0	99.7	94.4	78.9	58.8	31.3	11.9	2.0	.6	53.3	788
	12-14	100.0	100.0	95.8	80.8	59.6	32.5	12.8	2.2	.5	53.9	790
	15-17	100.0	100.0	95.1	79.5	61.0	34.1	12.2	3.0	1.0	54.1	792
	18-20	100.0	100.0	95.6	78.7	60.0	32.9	10.9	1.8	.9	53.8	790
	21-23	100.0	99.9	95.3	80.7	59.6	32.4	10.8	2.5	.6	53.8	789
TOTALS		100.0	100.0	95.3	79.8	59.1	32.5	11.7	2.3	.7	53.7	630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

69-72, 73-80

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.4	90.5	83.2	56.5	30.8	16.1	7.4	3.1	54.2	
	03-05	100.0	98.6	90.2	82.8	58.6	31.7	15.1	6.0	3.5	54.1	
	06-08	100.0	98.8	90.6	83.9	56.3	31.6	17.1	8.4	3.8	54.7	
	09-11	100.0	99.8	89.8	81.7	55.0	29.0	15.8	8.1	2.4	53.5	
	12-14	100.0	99.1	90.3	82.3	57.3	29.2	15.0	7.5	3.2	53.9	
	15-17	100.0	99.3	90.3	82.6	54.4	29.2	15.3	6.5	2.8	53.6	
	18-20	100.0	99.4	89.9	81.8	56.2	28.3	15.7	6.9	2.9	53.6	
	21-23	100.0	98.9	90.4	82.1	57.6	29.7	14.2	7.0	4.0	53.9	
TOTALS		100.0	99.2	90.3	82.6	56.5	29.9	15.5	7.2	3.2	54.0	6

AD-A113 225 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
THULE AB, GREENLAND. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)

UNCLASSIFIED DEC 81
USAFETAC/DS-82/U07

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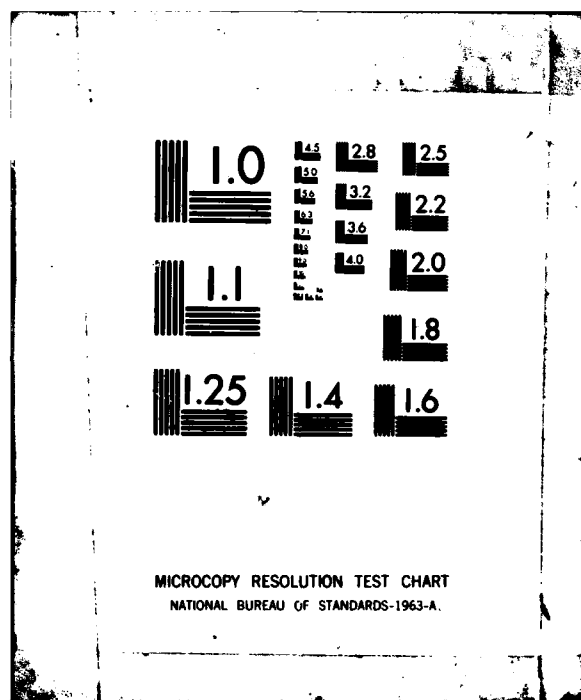
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17605
STATION

THULE AB GL

STATION NAME

69-70,73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	98.9	89.1	76.9	55.4	30.6	12.7	4.5	1.7	52.5	6331
FEB		100.0	97.4	90.0	80.4	58.4	31.4	11.1	2.6	.9	52.8	6262
MAR		100.0	95.8	91.1	81.6	59.9	32.0	11.5	3.8	1.1	53.2	7245
APR		100.0	92.2	89.4	80.6	66.0	42.1	19.5	7.6	1.6	55.6	7107
MAY		100.0	90.5	89.9	84.6	70.1	52.6	28.0	10.4	3.1	58.7	7419
JUN		100.0	98.6	98.3	94.2	85.1	64.2	34.2	19.5	5.2	65.4	5973
JUL		100.0	100.0	99.8	98.9	92.7	75.1	45.7	25.2	8.9	70.6	6279
AUG		100.0	100.0	99.7	97.4	90.6	71.6	39.4	20.1	6.3	68.5	6663
SEP		100.0	100.0	99.9	97.5	88.1	64.4	33.7	16.3	4.8	66.1	6402
OCT		100.0	100.0	99.5	92.2	76.1	55.6	25.1	7.0	1.7	61.3	6909
NOV		100.0	100.0	95.3	79.8	59.1	32.5	11.7	2.3	.7	53.7	6303
DEC		100.0	99.2	90.3	82.6	56.5	29.9	15.5	7.2	3.2	54.0	6395
TOTALS		100.0	97.7	94.4	87.2	71.5	48.5	24.0	10.6	3.3	59.4	79288

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

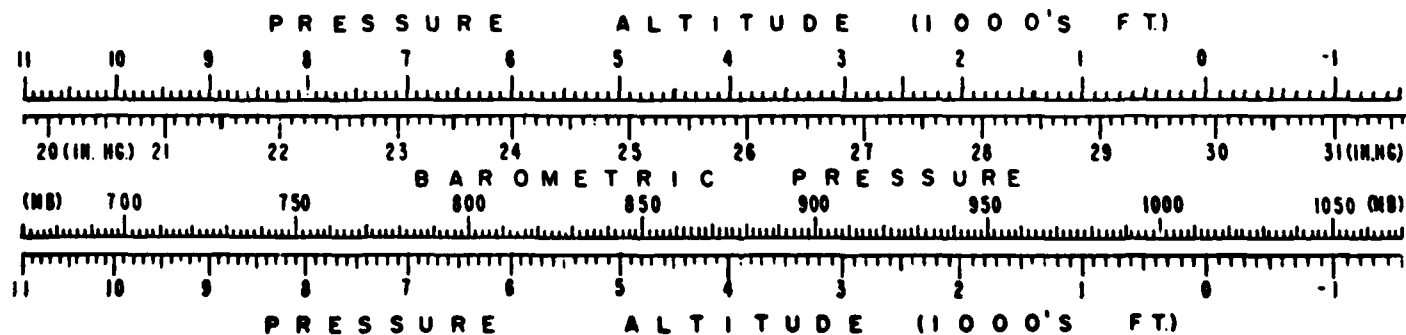
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

17605 THULE AB GL

69-70,73,76-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
C2	MEAN	29.483	29.560	29.649	29.729	29.670	29.537	29.573	29.560	29.507	29.492	29.432	29.525	29.557	
	S.D.	.402	.396	.413	.320	.278	.193	.197	.231	.244	.290	.336	.381	.325	
	TOTAL OBS	215	192	182	180	215	181	216	213	205	211	206	212	2428	
05	MEAN	29.486	29.568	29.654	29.733	29.674	29.539	29.575	29.566	29.513	29.502	29.438	29.519	29.561	
	S.D.	.398	.399	.412	.319	.283	.191	.197	.233	.246	.289	.334	.390	.326	
	TOTAL OBS	213	194	182	177	213	181	215	213	205	210	206	216	2425	
08	MEAN	29.489	29.567	29.655	29.731	29.688	29.532	29.580	29.566	29.519	29.492	29.439	29.522	29.562	
	S.D.	.397	.401	.410	.318	.310	.191	.196	.234	.244	.290	.332	.391	.328	
	TOTAL OBS	214	195	185	176	212	182	214	215	208	213	209	214	2437	
11	MEAN	29.484	29.559	29.655	29.742	29.679	29.539	29.575	29.560	29.510	29.494	29.436	29.523	29.560	
	S.D.	.396	.406	.409	.318	.274	.191	.197	.231	.248	.285	.321	.379	.323	
	TOTAL OBS	210	192	183	175	216	179	213	211	208	213	204	211	2415	
14	MEAN	29.476	29.554	29.648	29.737	29.675	29.541	29.576	29.559	29.512	29.489	29.441	29.520	29.558	
	S.D.	.403	.399	.406	.315	.273	.195	.195	.238	.244	.285	.320	.383	.323	
	TOTAL OBS	215	195	184	179	216	179	217	212	207	215	206	214	2439	
17	MEAN	29.480	29.564	29.660	29.748	29.681	29.544	29.585	29.570	29.511	29.495	29.456	29.528	29.566	
	S.D.	.404	.399	.402	.315	.270	.194	.193	.235	.245	.285	.319	.384	.322	
	TOTAL OBS	214	194	182	176	215	181	215	214	209	211	204	210	2425	
20	MEAN	29.482	29.564	29.660	29.742	29.683	29.549	29.587	29.575	29.515	29.50		29.535	29.567	
	S.D.	.402	.389	.407	.318	.270	.196	.194	.232	.243	.286		.382	.322	
	TOTAL OBS	214	191	181	180	213	179	214	214	208	215	2	213	2427	
23	MEAN	29.483	29.571	29.655	29.732	29.677	29.548	29.581	29.571	29.512	29.496	29.441	29.532	29.564	
	S.D.	.395	.393	.411	.320	.277	.194	.195	.229	.245	.279	.332	.386	.323	
	TOTAL OBS	213	194	182	179	208	184	211	212	206	212	205	212	2418	
ALL HOURS	MEAN	29.483	29.563	29.654	29.737	29.678	29.541	29.579	29.566	29.512	29.495	29.441	29.525	29.562	
	S.D.	.399	.397	.408	.317	.279	.193	.195	.232	.245	.285	.327	.384	.324	
	TOTAL OBS	1708	1547	1461	1422	1708	1446	1715	1709	1656	1700	1645	1702	19414	

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

17605 THULE AB GL

69-70,73-81

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
02	MEAN	1008.0	1009.3	1012.4	1017.7	1016.8	1010.7	1009.9	1011.0	1008.4	1009.7	1008.8	1010.3	1011.1	
	S.D.	13.160	14.293	14.183	11.414	9.646	6.837	7.647	7.793	8.017	9.823	11.997	12.935	11.379	
	TOTAL OBS	303	280	304	297	298	265	302	299	275	296	292	295	3506	
05	MEAN	1007.9	1009.7	1012.5	1017.7	1017.0	1010.6	1010.1	1011.1	1008.5	1009.7	1009.0	1010.4	1011.2	
	S.D.	13.072	13.959	14.175	11.339	9.612	6.750	7.514	7.609	8.166	9.976	12.062	13.045	11.344	
	TOTAL OBS	303	277	305	292	305	263	294	301	272	296	288	301	3497	
08	MEAN	1008.2	1009.8	1012.6	1018.0	1016.9	1010.5	1010.1	1011.2	1008.7	1009.5	1008.9	1010.4	1011.3	
	S.D.	13.015	14.039	14.104	11.454	9.593	6.787	7.577	7.790	8.040	9.868	12.186	13.072	11.354	
	TOTAL OBS	301	275	304	295	302	267	298	304	270	304	292	303	3515	
11	MEAN	1007.9	1009.7	1012.7	1018.0	1017.1	1010.6	1010.0	1010.9	1008.5	1009.6	1009.2	1010.4	1011.2	
	S.D.	13.062	14.026	14.034	11.439	9.576	6.819	7.667	7.866	8.252	9.819	11.838	12.946	11.347	
	TOTAL OBS	305	275	305	291	300	260	297	305	271	302	295	302	3508	
14	MEAN	1007.7	1009.2	1012.8	1017.9	1016.8	1010.6	1010.1	1010.8	1008.3	1009.6	1009.2	1010.3	1011.2	
	S.D.	13.200	14.190	13.798	11.406	9.478	6.807	7.523	7.855	8.251	9.773	11.579	13.030	11.308	
	TOTAL OBS	308	274	303	298	301	264	292	305	275	300	288	294	3502	
17	MEAN	1007.8	1009.7	1012.7	1018.2	1016.8	1010.9	1010.5	1011.1	1008.4	1009.9	1009.6	1010.7	1011.4	
	S.D.	13.174	14.098	13.939	11.429	9.336	6.826	7.448	7.811	8.049	9.708	11.701	12.893	11.247	
	TOTAL OBS	300	276	303	292	300	269	304	308	276	299	294	302	3524	
20	MEAN	1008.0	1009.6	1012.8	1018.2	1016.9	1010.9	1010.5	1011.4	1008.5	1009.9	1009.5	1010.9	1011.5	
	S.D.	13.226	14.261	14.137	11.403	9.564	6.788	7.596	7.565	8.051	9.624	11.682	12.816	11.290	
	TOTAL OBS	289	272	302	283	296	261	298	290	273	295	284	297	3440	
23	MEAN	1008.2	1009.9	1012.8	1017.9	1016.7	1010.9	1010.5	1011.1	1008.4	1009.7	1009.1	1010.6	1011.3	
	S.D.	13.113	14.031	14.354	11.512	9.561	6.655	7.655	7.805	7.986	9.979	11.868	13.112	11.330	
	TOTAL OBS	300	271	296	291	302	269	304	303	275	298	287	293	3489	
ALL HOURS	MEAN	1007.9	1009.6	1012.7	1018.0	1016.9	1010.7	1010.2	1011.1	1008.5	1009.7	1009.2	1010.5	1011.3	
	S.D.	13.109	14.092	14.071	11.409	9.533	6.774	7.571	7.755	8.090	9.809	11.851	12.964	11.324	
	TOTAL OBS	2409	2200	2422	2339	2404	2118	2389	2415	2187	2390	2320	2387	27980	

